Welcome to STN International! Enter x:x

LOGINID: SSSPTA1208DXJ

PASSWORD:

<C

TERMINAL (ENTER 1, 2, 3, OR ?):2

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* * * * * *
                     Welcome to STN International
NEWS
                 Web Page URLs for STN Seminar Schedule - N. America
                 "Ask CAS" for self-help around the clock
NEWS
NEWS
                 New e-mail delivery for search results now available
      3
         Jun 03
                 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS
         Aug 08
NEWS 5
         Aug 19
                 Aquatic Toxicity Information Retrieval (AQUIRE)
                 now available on STN
NEWS
         Aug 26
                 Sequence searching in REGISTRY enhanced
NEWS
      7
         Sep 03
                 JAPIO has been reloaded and enhanced
NEWS 8
         Sep 16
                 Experimental properties added to the REGISTRY file
NEWS
     9
         Sep 16
                CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01
                CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11
         Oct 24
                BEILSTEIN adds new search fields
NEWS 12
        Oct 24
                Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18
                DKILIT has been renamed APOLLIT
NEWS 14 Nov 25
                More calculated properties added to REGISTRY
NEWS 15 Dec 04
                 CSA files on STN
NEWS 16 Dec 17
                 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17
        Dec 17
                 TOXCENTER enhanced with additional content
NEWS 18 Dec 17
                 Adis Clinical Trials Insight now available on STN
NEWS 19
        Jan 29
                 Simultaneous left and right truncation added to COMPENDEX,
                 ENERGY, INSPEC
NEWS 20
        Feb 13
                 CANCERLIT is no longer being updated
NEWS 21 Feb 24
                METADEX enhancements
NEWS 22 Feb 24
                PCTGEN now available on STN
NEWS 23 Feb 24
                TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26
                PCTFULL now contains images
NEWS 26 Mar 04
                SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27
        Mar 20
                EVENTLINE will be removed from STN
NEWS 28 Mar 24
                 PATDPAFULL now available on STN
NEWS 29
        Mar 24
                Additional information for trade-named substances without
                 structures available in REGISTRY
NEWS 30
        Apr 11
                Display formats in DGENE enhanced
NEWS 31
         Apr 14
                MEDLINE Reload
NEWS 32
        Apr 17
                 Polymer searching in REGISTRY enhanced
NEWS 33
                 Indexing from 1947 to 1956 being added to records in CA/CAPLUS
         Apr 21
NEWS 34
        Apr 21
                New current-awareness alert (SDI) frequency in
                 WPIDS/WPINDEX/WPIX
NEWS 35
        Apr 28
                RDISCLOSURE now available on STN
NEWS 36
        May 05
                Pharmacokinetic information and systematic chemical names
                 added to PHAR
                MEDLINE file segment of TOXCENTER reloaded
NEWS 37
        May 15
NEWS 38
        May 15
                 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39
        May 16
                CHEMREACT will be removed from STN
NEWS 40
        May 19
                Simultaneous left and right truncation added to WSCA
NEWS 41
        May 19
                RAPRA enhanced with new search field, simultaneous left and
                right truncation
```

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Welcome Banner and News Items

NEWS PHONE Direct Dial and Telecommunication Network Access to STN

NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 07:20:42 ON 06 JUN 2003

=> fil reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 07:20:50 ON 06 JUN 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 JUN 2003 HIGHEST RN 525536-93-0 DICTIONARY FILE UPDATES: 4 JUN 2003 HIGHEST RN 525536-93-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=>	е	diptheria		
El		1		DIPTH/BI
E2		1		DIPTHAL/BI
E 3		17	- ->	DIPTHERIA/BI
E4		2		DIPTHERIAE/BI
E5		2		DIPTHERITICUM/BI
E6		1		DIPTHOCARPILINE/BI
E7		. 1		DIPTHYCARPI/BI
E8		1		DIPTHYCARPIDI/BI
E9		1		DIPTHYCARPIDINE/BI
E10)	4		DIPTO/BI
E11	L	4		DIPTOCARP/BI
E12	2	2		DIPTOCARPAINE/BI

L1

17 DIPTHERIA/BI

=> d scan

- Li 17 ANSWERS REGISTRY COPYRIGHT 2003 ACS
 IN DNA (Mycobacterium leprae clone B42 22,781-nucleotide fragment) (9CI)
 SOL 22781
 MF Unspecified
 CI MAN

- **RELATED SEQUENCES AVAILABLE WITH SEQLINK**
- *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
- HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

```
<C
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```
=> e copper
                     COPOYLMER/BI
              1
E2
             15
                     COPP/BI
E3
         285307 --> COPPER/BI
E4
                     COPPER, GOLD/BI
              1
E5
                     COPPERAS/BI
              1
                     COPPERBIS/BI
E6
              1
                     COPPERCIDE/BI
E7
              1
             26
                     COPPERDI/BI
E8
                     COPPERDICHLORO/BI
E9
              1
E10
                     COPPERDICHLOROTHIOPHENE/BI
              1
E11
                     COPPERDIVANADIUM/BI
              1
E12
                    COPPERDIZINC/BI
              1
=> e Cu
E1
              1
                     CTYZINE/BI
                     CTZ/BI
E2
              1
         253718 --> CU/BI
E3
                     CU+/BI
E4
              1
                     CU++/BI
E5
              1
                     CU,/BI
E6
              1
                     CU, AG/BI
E7
             30
                     CU, AG, AL/BI
E8
              1
E9
                     CU, AG, AL2O3/BI
              1
E10
                     CU, AG, ALUMINUM/BI
              1
E11
                     CU, AG, AS, CO, FE, PB, SB, SN, ZN/BI
              1
E12
                     CU, AG, AS, FE, PB, SB, SN/BI
=> e Cu/cn
                     CTX-CZ 5A/CN
E1
              1
                     CTZ/CN
E2
              1
              0 --> CU/CN
E3
                    CU 0202/CN
E4
              1
E5
                    CU 0203/CN
              1
                    CU 0203T/CN
E6
              1
E7
                    CU 0803/CN
              1
E8
                    CU 0825/CN
              1
                    CU 0890P/CN
E9
              1
                    CU 1106P/CN
E10
              1
E11
                    CU 1107T/CN
              1
E12
                    CU 112/CN
              1
```

=> e cu 64

NUMBER OF TERMS TO DISPLAY IS OUT OF RANGE The total number of terms displayed in a single EXPAND command must be in the range 5-25.

=> fil .search
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 6.22 6.43

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 07:23:42 ON 06 JUN 2003

FILE 'CAPLUS' ENTERED AT 07:23:42 ON 06 JUN 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS) FILE 'BIOSIS' ENTERED AT 07:23:42 ON 06 JUN 2003 COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

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=> s 11

L2 11 L1

=> dup rem 12

PROCESSING COMPLETED FOR L2

L3 10 DUP REM L2 (1 DUPLICATE REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

```
L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
ACCESSION NUMBER: 2003:55536 CAPLUS
DOCUMENT NUMBER: 138:84317
TITLE: Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences
AUTHOR(S): Strausherg, Robert L.; Peingold, Elise A.; Grouse, Lynette H.; Derge, Jeffery G.; Klausner, Richard D.; Collins, Francis S.; Wagner, Lukse; Shemmen, Carolyn M.; Schuler, Gregory D.; Altachul, Stephen F.; Zeeberg, Barry; Buetow, Kenneth H.; Schaefer, Carl
                                                                                                                                              Bhat, Narayan K.; Hopkins, Ralph F.; Jordan, Heather; Moore, Troy; Max, Steve I.: Wang, Jun; Hsieh, Florence; Diatchenko, Luda: Marusina, Kate; Farmer, Andrew A.; Rubin, Gerald M.; Hong, Ling; Stapleton, Mark; Soares, M. Bento; Bonaldo, Maris F.; Casavant, Tom L.; Scheetz, Todd E.; Brownstein, Michael J.; Usdin, Ted B.; Toshiyuki, Shiraki; Carninci, Piero; Prange, Christa: Raha. Sam S.; Loquellano, Naomi A.; Peters, Garrick J.; Abramson, Rick D.; Mullahy, Sara J.; Bosak, Stephanie A.; McEwan, Paul J.; McKernan, Kevin J.; Malek, Joel A.; Guneratne, Preethi H.; Richards, Stephen; Worley, Kim C.; Hale, Sarah; Garcia, Angela M.; Gay, Laura J.; Hulyk, Stephen W.; Villalon, Debbie K.; Muzny, Donna M.; Sodergren,
        P.;
        Erica
                                                                                                                                                  J.; Lu, Xiuhua; Gibbs, Richard A.; Fahey, Jessica;
Helton, Erin; Ketteman, Mark; Madan, Anuradha;
Rodrigues, Stephanie; Sanchez, Amy; Whiting,
                                                                                                                                                 Madan, Anup; Young, Alice C.; Shevchenko, Yuriy;
Bouffard, Gerard G.; Blakesley, Robert W.; Touchmen,
Jeffrey W.; Green, Eric D.; Dickson, Mark C.;
Rodriguez, Alex C.; Grimwood, Jane; Schmutz, Jeremy;
Myere, Richard M.; Butterfield, Yaron S. N.;
Krzywinaki, Martin I.; Skalska, Ursula; Smailus,
        Michelle;
        Duane
                                                                                                                                                 E.; Schnerch, Angelique: Schein, Jacqueline E.;
        Jones,
                                                                                                                                                 Steven J. M.; Marra, Marco A.
National Cancer Institute, NIH, Bethesda, MD,
2082-2580, USA
Proceedings of the National Academy of Sciences of
        CORPORATE SOURCE:
        SOURCE:
                                                                                                                                                 United States of America (2002), 99(26), 16899-16903
CODEN: PNASA6; ISSN: 0027-8424
National Academy of Sciences
        PUBLISHER:
     PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
English
B The National Institutes of Health Mammalian Gene Collection (MGC) Program
is a multiinstitutional effort to identify and sequence a cDNA clone
contg. a complete ORF for each human and mouse gene. ESTs were generated
from libraries enriched for full-length cDNAs and analyzed to identify
candidate full-ORF clones, which then were sequenced to high accuracy.
The MGC has currently sequenced and verified the full ORF for a
nonredundant set of >9000 human and >6000 mouse genes. Candidate
full-ORF
      L3 ANSMER 2 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:636199 CAPLUS
DOCUMENT NUMBER: 135:209895
ITILE: Antibody library
INVENTOR(5): Kurosawa, Yoghikazu; Akahori, Yasushi; Iba,
                                                                                                                                           , Josnikazu; Akahori, Yasushi; Iba,
Morino, Kazuhiko; Shinohara, Midori; Takahashi,
Motohide; Okuno, Yoshinobu; Shiraki, Kimiyasu
Medical + Biological Laboratories Co., Ltd., Japan
PCT Int. Appl., 181 pp.
CODEN: PIXXD2
Patent
Japanese 1
1
        PATENT ASSIGNEE(S):
SOURCE:
        DOCUMENT TYPE:
        LANGUAGE:
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2001062907 Al 20010830 WO 2001-JP1298 20010222

M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LK, LS, LT, LU, LV, MA, MD, MG, MK, NN, MM, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UO, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RN: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001034125 AS 20010903 AU 2001-34125 20010222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, Y, AL, TR

PRIORITY APPLN INFO: NC 2001211 BP 2001-JP1298 W 20010222

AB An antibody library is prepd by selecting a light chain variable region capable of binding to the variable region of heavy chain to reproduce an active conformation and using the same. Because of being capable of maintaining the diversity of the heavy chain variable region at a high ratio in vitro, this antibody library is expected as enabling the acquisition of antibodies with various binding activities. Thus, anti-tetanus coxoid, anti-diphtheria toxoid, anti-influenza virue, and anti-varicella-zoster virus neutralizing Ig, heavy and light chains were selected.

REFERENCE COUNT: 6 There are 6 CITED REFERENCES AVAILABLE FOR THIS
      REFERENCE COUNT:
                                                                                                                                                                               THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
        FORMAT
```

```
L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2003 ACS DUPLICATE 1
(Continued)

clones for an addnl. 7800 human and 3500 mouse genes also have been identified. All MCC sequences and clones are available without restriction through public databases and clone distribution networks. [This abstr. record is one of eleven records for this document necessitated by the large no. of index entries required to fully index
                    document and publication system constraints.].
L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:319756 CAPLUS
DOCUMENT NUMBER: 134:352263
Vaccine compositions
Numbrior(s): 40 Advanced Microbiol Solutions Corp., USA
PATENT ASSIGNEE(S): 50URCE: 40 Advanced Microbiol Solutions Corp., USA
POT Int. Appl.. 54 pp.
CODEN: PIXXD2
PATENT INFORMATION: 1
English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: 1
 FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
```

```
PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2001030384 A1 20010503 WO 2000-US29231 20001023

M: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GB, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, NX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SE, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BP, BJ, CF, CG, CI, CM, GA, GN, GN, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO: US 1939-161193P P 19391022

AB Disclosed are virulent or opportunistic prokaryotee in which metal ion-dependent gene regulation confers a growth or an infectious advantage.

The prokaryote contains a DNA mol. conty. a sequence encoding a dominant, metal ion-independent repressor protein or a partially metal ion independent repr
```

INVENTOR(S): PATENT ASSIGNEE(S): SOURCE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

WO 2000018964

PATENT NO.

CORPORATE SOURCE: SOURCE: PUBLISHER: DOCUMENT TYPE: LANGUAGE:

FORMAT

Journal English

AGGS:

English
Countless millions of people have died from tuberculosis, a chronic
infectious disease caused by the tubercle bacillus. The complete genome
sequence of the best-characterized strain of Mycobacterium tuberculosis,
H37RV, was detd. and analyzed in order to improve our understanding of

biol. of this slow-growing pathogen and to help the conception of new prophylactic and therapeutic interventions. The genome comprises 4.411,529 base pairs, contains around 4000 genes, and has a very high G+C content that is reflected in the biased amino acid content of the proteins. M. tuberculosis differs radically from other bacteria in that

RECORD. ALL CITATIONS AVAILABLE IN THE RE

very large portion of its coding capacity is devoted to the prodn. of enzymes involved in lipogenesis and lipolysis, and to 2 new families of glycine-rich proteins with a repetitive atructure that may represent a source of antigenic variation.

REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR

DOCUMENT TYPE:

LANGUAGE:

```
L3 ANSWER 4 OF 10 USPATFULL ACCESSION NUMBER: 2001:15
TITLE: Identif
                                                                                  2001:190895 USPATFULL
                                                                                 2001:190895 USPATFULL
Identification of virulence determinants activators in
prokaryotic pathogens
Murphy, John R., Boeton, MA, United States
Sun. Li, Oxford, United Kingdom
Boston Medical Center Corporation, Boston, MA, United
States (U.S. corporation)
 INVENTOR(S):
 PATENT ASSIGNEE(S):
                                                                                                                                             KIND
                                                                                                  NUMBER
                                                                                                                                                                        DATE
                                                                                                                                                 B1
                                                                                                                                                                 20011030
19990930 (9)
 PATENT INFORMATION:
                                                                                  US 6309817
                                                                                  US 1999-408618
 APPLICATION INFO. :
                                                                                                         NUMBER
                                                                                                                                                        DATE
PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
FILE SEGMENT:
ASSISTANT EXAMINER:
ASSISTANT EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COURT
                                                                                 US 1998-102545P
Utility
GRANTED
                                                                                                                                                 19980930 (60)
                                                                                  SKANNID
Stucker, Jeffrey
Winkler, Ulrike
Lerner, David, Littenberg, Krumholz & Mentlik, LLP
17
                                                                                  3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 1310

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed is a method for identifying activators of a transition metal-dependent repressor of virulence gene expression in infectious prokaryotic pathogens. The method utilizes genetic circuitry that represents the response of a given prokaryote to nutritional stress and the expression of genes that contribute to the establishment of the infectious process. The exposure of recombinant cells or a cell-free system containing the genetic circuitry to a non-netal ion test substance that activates the repressor produces a detectable response. The method is applicable for any prokaryote employing metal ion-dependent repressors to regulate specific gene expression, specifically as it pertains to virulence determinant expression.
 LINE COUNT:
                                                                                  1310
```

```
ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS (Continued) sequence. The method utilizes genetic circuitry that represents the response of a given prokaryote to nutritional streas and the expression
                  genes that contribute to the establishment of the infectious process.
The exposure of recombinant cells or a cell-free system contg. the genetic circuitry to a non-metal ion test substance that activates the repressor produces a detectable response. The method is applicable for any prokaryote employing metal ion-dependent repressors to regulate specific gene expression, specifically as it pertains to virulence determinant expression and can be used for antibacterial drug screening.

REFERENCE COUNT: 6 THERE ARE 6 CITED REPRENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
```

```
WC 2000018964 A1 20000406 W0 1999-US22770 19999930

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LK, LK, LT, LU, LV, MD, MG, MK, MN, MM, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RH: GH, GM, KE, LS, MM, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GM, ML, MR, NE, SN, TD, TG

AU 9955043 A1 20000417 AU 1999-65043 19990930

RITTY APPLN. INFO: US 1999-408618 19990930

RITTY APPLN. INFO: US 1999-408618 19990930

A method based on PSDT (pos. selection DtxR homolog and targeta) system for identifying activators of a transition metal-dependent repressor of virulence gene expression in infectious prokeryotic pathogens is described. The initial PSDT system consists of a lysogenic Escherichic coli host strain with an integrated lambda, phage carrying the reporter gene for CAT (chloramphenicol acetyltransferase) or CAT-LacZ fusion protein under the control of the promoter and operator of tetA gene (tetAPO, repressed by TeRR). The host bacterial strain also contains two plasmids, one carries the testR gene under the control of diphtheria
AU 9965043
US 6309817
PRIORITY APPLN. INFO.:
                              gene promoter and operator (toxPO) and the other carries a functional allele of DtxR (diphtheria toxin gene repressor). In the presence of iron, the cofactor of DtxR, DtxR can bind to toxPO to repress the transcription of TetR which allows constitutive expression of the
                           transcription of TetR which allows constitutive expression of the rter gene and the host phenotype becomes chloramphenicol resistant (Cmr) and .beta.-galactosidase activity can be detected. In contrast, if iron chelator 2.2 -dipyridyl (DP) is added to the media, DtxR can not be activated and TetR is expressed to repress the reporter gene and the host phenotype becomes Cmm and no .beta.-galactosidase activity can be detected. The system with slight modification can be used to isolate iron-independent self-activating DtxR (SAD) mutants and rapidly screen
                              functionally equiv. DtxR homologs and their cognate novel operator
                           ANSWER 6 OF 10 CAPLUS COPYRIGHT 2003 ACS
SSION NUMBER: 1998:389708 CAPLUS
MENT NUMBER: 129:77224
 DOCUMENT NUMBER:
TITLE:
                                                                                                                                                          Deciphering the biology of Mycobacterium tuberculosis
                                                                                                                                                       Deciphering the biology of Mycobacterium tuberculosis
from the complete genome sequence
Cole, S. T.; Brosch, R.; Parkhill, J.; Garnier, T.;
Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier,
K.; Gas, S.; Barry, C. E., III.; Tekaia, F.; Badcock,
K.; Basham, D.; Brown, D.; Chillingworth, T.; Conno,
R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles,
 AUTHOR (S):
                                                                                                                                                    Hamlin, N.; Holroyd, S.; Hornsby, T.; Jagels, K.;
Krogh, A.; McLean, J.; Moule, S.; Murphy, L.; Oliver,
K.; Osborne, J.; Quail, M. A.; Rajandream, M.-A.;
Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.;
Squares, R.; Squares, S.; Sulston, J. E.; Taylor, K.;
Whitehead, S.; Barrell, B. G.
Sanger Cent.. Wellcome Trust Genome Campus, Hinxton,
CB10 1SA, UK
Nature (London) (1998), 393(6685), 537-544
CODEN: NATUAS; ISSN: 0028-0836
Macmillan Magazines
Journal
```

L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:227822 CAPLUS
DOCUMENT NUMBER: 132:275137

TITLE: PSDT (positive selection DtxR homolog and targets)
system for identifying virulence determinant
activators in prokaryotic pathogens and screening for
antibacterial drugs

Patent

English

KIND DATE

A1

20000406

Murphy, John R.; Sun, Li Boston Medical Center Corporation, USA PCT Int. Appl., 49 pp. CODEN: PIXXD2

APPLICATION NO. DATE

19990930

WO 1999-US22770

L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 1998:773005 CAPLUS DOCUMENT NUMBER: 130:120325

TITLE:

130:120325
Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence. [Erratum to document cited in CA129:77224]
Cole, S. T.; Broach, R.; Parkhill, J.; Garnier, T.; Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier, K.; Gas, S.; Basry, C. E., III; Teksia, F.; Badcock, K.; Basham, D.; Brown, D.; Chillingworth, T.; Connor, R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles, AUTHOR(S):

s.:

CORPORATE SOURCE:

SOURCE:

PUBLISHER

DOCUMENT TYPE LANGUAGE

R.; Davies, R.; Devlin, K.; Feltwell, T.; Gentles,

Hamlin, N.; Holroyd, S.; Hornsby, T.; Jagels, K.;

Krogh, A.; McLean, J.; Moule, S.; Murphy, L.; Oliver,

K.; Osborne, J.; Quail, M. A.; Rajandream, M.-A.;

Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.;

Squares, R.; Squares, S.; Sulston, J. E.; Taylor, K.;

Whitchead, S.; Barrell, B. G.

Sanger Cent., Wellcome Trust Genome Campus, Hinxton,

CBl0 1SA, UK

Nature (London) (1998), 396(6707), 190-198

CODEN: NATURS; ISSN: 0028-0836

MENT TYPE: Journal

MENT TYPE: Journal

MINAGE: English

Table 1 was published with some symbols missing; the correct version can

be found at http://www.sanger.ac.uk and is given here. In Fig. 2, Rv0649

was incorrectly labeled as fabD3 instead of fabD2. Two of the genes for

mycolyl transferases were inverted: Rv0129c encodes antigen 85C and not

85c' as stated, whereas Rv3803c codes for the secreted protein MPTS1 and

not antigen 85c (Infect. Immun. 59, 372-382; 1991); Rv3803c is now

designated fbpD. The sequence of Rv0746 from M. bovis BCC-Pasteur

presented in Fig. 5 b was incorrect and should have shown a 16-codon

deletion instead of 29.

L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 1997:556747 CAPLUS DOCUMENT NUMBER: 127:273529

TITLE: Multiplex sequencing of 1.5 Mb of the Mycobacterium

AUTHOR (S):

Aldredge.

CORPORATE SOURCE:

Tyler; Maher, James; Lundstrom, Ronald; Tulig, Craig; Falls, Kathleen; Imrich, Joan; Torrey, Dana; Engelstein, Marcy; Breton, Gary; Madan, Deepika; Nietupski, Raymond; Seitz, Bruce; Connelly, Steven; McDougall, Steven; Safer, Hershel; Gibson, Rene; Doucette-Stamm, Lynn; Eiglmeier, Karin; Bergh, Staffan; Cole, Stewart T.; Robinson, Keith; Richterich, Laura; Johnson, Jason; Church, George M.; Mao, Jeni

Nichterich, Laure; Johnson, Jamon; Church, George M Mao, Jen-1 Collaborative Res. Div., Genome Therapeutics Corp., Maltham, MA, 02154, USA Genome Research (1997), 7(8), 802-819 CODEN: GEREFS; ISSN: 1088-9051 Cold Spring Harbor Laboratory Press Journal SOURCE: PUBLISHED .

DOCUMENT TYPE: LANGUAGE:

MAGE: English
The nucleotide sequence of 1.5 Mb of genomic DNA from Mycobacterium

LANGUAGE:

AB The nucleotide sequence of 1.5 Mb of genomic DNA from Mycobacterium leprae

was detd. using computer-assisted multiplex sequencing technol. This brings the 2.8-Mb M. leprae genome sequence to -668 completion. The sequences, derived from 43 recombinant cosmids, contain 1046 putative protein-coding genes, 44 repetitive regions, 3 rRNAs, and 15 tRNAs. The gene d. of one per 1.4 kb is slightly lower than that of Mycoplasmae (1.2 kb). Of the protein coding genes, 44% have significant matches to genes with well-defined functions. Comparison of 1157 M. leprae and 1544 Mycobacterium tuberculosis proteins shows a complex mossic of homologous genomic blocks with up to 22 adjacent proteins in conserved map order. Matches to known enzymic, antigenic, membrane, cell wall, cell division, multidrug resistance, and virulence proteins suggest therapeutic and vaccine targets. Unusual features of the M. leprae genome include large polyketide synthase (pks) operons, inteins, and highly fragmented pseudogenes.

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2003 ACS ACCESSION NUMBER: 1995:978371 CAPLUS DOCUMENT NUMBER: 124:108085

DOCUMENT NUMBER: TITLE:

Genomic organization of the mycobacterial sigma gene AUTHOR (S) :

Cluster
Doukhan, Laurence; Predich, Mima; Nair, Gopalan;
Dussurget, Olivier; Mandic-Mulec, Inea; Cole, Stewart
T.; Smith, Douglas R.; Smith, Issar
Dep. of Microbiology, Public Health Res. Inst., New
York, NY, 10016, USA
Gene (1995), 165(1), 67-70
CODEN: GENED6; ISSN: 0378-1119
Elsevier
Journal CORPORATE SOURCE:

English

UAGE: English
Sigma factors .sigma.A and .sigma.B and their structural genes, mysA and
mysB, resp., have been previously described in Mycobacterium smegmatis.
Corresponding regions in the M. tuberculosis and M. leprae chromosomes
were sequenced, and the 2 homologous genes were found. Chromosomal
linkage and the deduced amino acid (aa) sequences of the 2 genes show

high similarity in the 3 species of mycobacteria. Two other open reading frames (ORF) were also found in these clusters. OrfX, which has an unknown function, is located between mysA and mysB. The other ORF, located downstream from mysB, encodes a homolog of DtXR, the iron regulatory protein from Corynebacterium diphtheriae (Cd).

L3 ANSWER 10 OF 10 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. ACCESSION NUMBER: 1990:425483 BIOSIS
DOCUMENT NUMBER: BA90:86284
TITLE: MOLECULAR CLONING AND DNA SEQUENCE ANALYSIS OF A

DIPHTHERIA

TOX IRON-DEPENDENT REGULATORY ELEMENT DTX-R FROM

CORYNEBACTERIUM - DI PHTHERIAE .

CORYNEBACTERIUM-DIPHTHERIAE.
BOYD J; OZA M N; MURPHY J R
EVANS DEP. CLIN. RES. DEP. MED., THE UNIV. HOSP., BOSTON
UNIV. MED. CENT., BOSTON, MA 02118.
PROC NATL ACAD SCI U S A, (1990) 87
CODEN: PNASA6. ISSN: 0027-8487. AUTHOR(S): CORPORATE SOURCE:

SOURCE:

FILE SEGMENT: BA; OLD

SEGMENT: BA; OLD

UNGE: English

Although the structural gene for diptheria toxin, tox, is carried by a family of closely related corynebacteriophages, the regulation of tox expression is controlled, to a large extent, by its bacterial host Corynebacterium diptheriae. Optimal yields of tox gene products are obtained only when iron becomes the growth-rate-limiting substrate. Previous studies suggest that regulation of tox expression is mediate. Previous niconiding apprepressor. To facilitate molecular cloning of the tox regulatory element from genomic libraries of C. diptheriae, we constructed a tox promoter/operator (toxPO)-lacz transcriptional fusion

Escherichia coli strain DHS.alpha.. We report the molecular cloning and nucleic acid sequence of a diphtheria toxin iron-dependent regulatory element, dtxR, and demonstrate that expression of .beta.-galactosidase from the toxPO-lac2 fusions is regulated by dtxR-encoded protein in an iron-sensitive manner. In addition, we show that expression of the toxPO-lac2 fusion is not affected by the E. coli iron-regulatory protein Fur and that the dtxR protein does not inhibit expression of

fur-regulated outer-membrane proteins.

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LS ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
DOCUMENT NUMBER:
135:209995
Antibody library
INVENTOR(S):
Yoshitaka;
Morino, Kazuhiko; Shinohara, Midori; Tekahashi,
Morohide; Okuno, Yoshinobu; Shiraki, Kimiyasu
Medical + Biological Laboratories Co., Ltd., Japan
PCT Int. Appl., 181 pp.
CODEN: PIXXD2
DOCUMENT TYPE:
LANGUAGE:
PATENT INFORMATION:

PATENT INFORMATION:

PATENT INFORMATION:

PATENT INFORMATION:

PATENT INFORMATION:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2001-91298 20010222

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, PI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, SJ, PK, KE, KG, KR, KZ, LC, LK, LK, LE, LT, LU,
LV, MA, MD, MG, MK, MN, MN, MX, MZ, NO, NZ, PL, PP, RO, RU, SD,
SE, SG, SI, SK, SK, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, VU,
ZA, ZW, AM, AZ, BY, KO, KZ, MD, RU, TJ, TM
RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BP,
BJ, CF, CO, CI, CM, OA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2001034125 AS 20010903 AU 2001-34125 20010222

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

PRIORITY APPLN. INFO:

IP 2000-50543 A 20010222

AB An antibody library is prepd. by selecting a light chain variable region
anti-vertanus toxoid, anti-diphtheria toxoid, anti-influenza virue, and
anti-varicella-zoster virus neutralizing Ig, heavy and light chains were
selected.

REPERENCE COUNT:

6 THERE ARE 6 CITED REPERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
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LS ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER:
1998:773005 CAPLUS
TITLE:
10:120325
Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence. [Erratum to document cited in CAl19:77224]
AUTHOR(S):
Cole, S. T.; Brosch, R.; Parkhill, J.; Garnier, T.; Churcher, C.; Harris, D.; Gordon, S. V.; Eiglmeier, K.; Gas, S.; Barry, C. E., III; Tekaia, P.; Badcock, K.; Basham, D.; Brown, D.; Chillingworth, T.; Connor, R.; Davies, R.; Devlin, K.; Peltwell, T.; Gentles, Y.; Osborne, J.; Quall, M. A.; Rajandream, M.-A.; Rogers, J.; Rutter, S.; Seeger, K.; Skelton, J.; Squeres, R.; Squares, S.; Sulston, J. E.; Taylor, K.; Mhitchead, S.; Barrell, B. G.
Sanger Cent., Mellcome Trutt Genome Campus, Hinxton, CBIO ISA, UK
Nature (London) (1998), 196(6707), 190-198
CODEN: NATUAS; ISSN: 0028-0836
Macmillan Magazines
DOCUMENT TYPE:
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=> s (immunotoxin? and (radiolabel? or radionuclid? or radioactiv? or label?))
          3724 (IMMUNOTOXIN? AND (RADIOLABEL? OR RADIONUCLID? OR RADIOACTIV?
               OR LABEL?))
=> s 16 and (pathogen?)
           812 L6 AND (PATHOGEN?)
=> s 17 and (diseas?)
           785 L7 AND (DISEAS?)
=> s 18 and antibod?
           779 L8 AND ANTIBOD?
=> s 19 and (disease(p)pathogen? or diseases(p)pathogen?)
           404 L9 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?)
=> s 19 and (disease(p)pathogen? or diseases(p)pathogen?) and cell?
   3 FILES SEARCHED...
           403 L9 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?) AND
L11
               CELL?
=> s l10 and (disease(p)pathogen? or diseases(p)pathogen?) and cell?
   3 FILES SEARCHED...
           403 L10 AND (DISEASE(P) PATHOGEN? OR DISEASES(P) PATHOGEN?) AND
               CELL?
=> s 112 and (tox?)
           389 L12 AND (TOX?)
=> s l13 and (sFv(w)antibod?)
           137 L13 AND (SFV(W) ANTIBOD?)
=> s l14 and (immunotoxin(p)radiolabel? or immunotoxins(p)radiolabel? or
immunotoxin(p)radionuclid? or immunotoxins(p)radionuclid?)
            10 L14 AND (IMMUNOTOXIN(P) RADIOLABEL? OR IMMUNOTOXINS(P) RADIOLABE
L15
               L? OR IMMUNOTOXIN(P) RADIONUCLID? OR IMMUNOTOXINS(P) RADIONUCLID
               ?)
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PROCESSING COMPLETED FOR L5
L16
              2 DUP REM L5 (0 DUPLICATES REMOVED)
=> dup rem 115
PROCESSING COMPLETED FOR L15
L17
             10 DUP REM L15 (0 DUPLICATES REMOVED)
=> d ibib ab 1-
YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y
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20010709 19971017 19971103

19971113

19971121 (60)

US 1997-65311P

US 1997-66364P

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PATFULL

2003:152892 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same Ashkenazi, Avi J., San Mateo, CA, UNITED STATES Baker, Kevin P., Darneatown, MD, UNITED STATES Botatein, David A., Belmont, CA, UNITED STATES Botatein, David A., Belmont, CA, UNITED STATES Botatein, David A., Belmont, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Forgas, Napoleome, San Francisco, CA, UNITED STATES Good, Wei-Qiang, Palo Alto, CA, UNITED STATES Good, Wei-Qiang, Palo Alto, CA, UNITED STATES Goodward, Audrey, San Prancisco, CA, UNITED STATES Goddward, Audrey, San Prancisco, CA, UNITED STATES Goddward, Paul J., Hilleborough, CA, UNITED STATES GUTNEY, Austin L., Belmont, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Mather, Jennie P., Millbrae, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Pan, Inkolas P., Belmont, CA, UNITED STATES Roy, Margaret Ann, San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Watenabe, Colin K., Moraga, CA, UNITED STATES Watenabe, Colin K., Moraga, CA, UNITED STATES Watenabe, Colin K., Moraga, CA, UNITED STATES Metanabe, Colin K., Moraga, CA, UNITED STATES Shates, Zemin, Foster City, CA, UNITED STATES Sheng, Zemin, Foster City, CA, UNITED STATES Chentech, Inc. (U.S. corporation)
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W0 2000-US13358 20
W0 2000-US13755 20
W0 2000-US14042 20
W0 2000-US14042 20
W0 2000-US14644 20
W0 2000-US15464 20
 L17 ANSWER 1 OF 10 USPATFULL
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20000517
 ACCESSION NUMBER:
 TITLE:
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 INVENTOR(S):
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WO 2000-US23522
WO 2000-US23529
WO 2001-US5540
WO 2001-US5540
WO 2001-US517403
WO 2001-US17403
WO 2001-US17403
WO 2001-US17403
WO 2001-US17405
WO 2001-US21066
WO 2001-US21066
WO 2001-US21065
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19990726 (60)
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19991207 (60)
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LEGAL REPRESENTATIVE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION
Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson &
Bear, 16th Ploor, 620 Newport Center Drive, Newport
Beach, CA, 92660
39
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EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OF CLAIMS: 39
RRY CLAIM: 1
OF DRAWINGS: 75 Drawing Page(s)
DUNT: 11726
The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides
 PATENT ASSIGNEE(S):
                                                                                                                                                                                         NUMBER KIND DATE

US 2003104558 A1 20030605
US 2002-226739 A1 20020823 (10)
Continuation of Ser. No. US 2001-2795, filed on 15 Nov 2001, PENDING Continuation of Ser. No. WO
 PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
2000-US14042.
                                                                                                                                                                                           filed on 22 May 2000, PENDING
                                                                                                                                                                                                                                                NUMBER
                                                                                                                                                                                                                                                                                                                                                      DATE
                                                                                                                                                                                       NOTION NO
 PRIORITY INFORMATION:
                                   ANSWER 2 OF 10 USPATFULL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                L17 ANSWER 2 OF 10 USPATFULL ;
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2000, PENDING Continuation of Ser. No. US 2000-723749,
filed on 27 Nov 2000, PENDING Continuation of Ser. No.
US 2000-747259, filed on 20 Dec 2000, PENDING
Continuation of Ser. No. US 2001-816744, filed on 22
Mar 2001, PENDING Continuation of Ser. No. US
2001-816920, filed on 22 Mar 2001, PENDING
   ACCESSION NUMBER:
                                                                                                                                                                                           2003:86798 USPATFULL
                                                                                                                                                                                       Secreted and transmembrane polypeptides and nucleic acids encoding the same Ashkenazi, Avi J.. San Mateo, CA, UNITED STATES Baker, Kevin P., Darnestown, MD, UNITED STATES Botestein, David, Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Filvaroff, Ellen, San Francisco, CA, UNITED STATES Fong, Sherman, Alemeda, CA, UNITED STATES Goa, Wei-Qiang, Pelo Alto, CA, UNITED STATES Gerber, Hanspeter, San Francisco, CA, UNITED STATES Gerritsen, Mary E., San Mateo, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Goddwski, Paul J., Burlingame, CA, UNITED STATES Godwski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES Godowski, Paul J., Burlingame, CA, UNITED STATES Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES
                                                                                                                                                                                           Secreted and transmembrane polypeptides and nucleic
 INVENTOR (S):
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Continuation
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                                                                                                                                                                                     Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Francisco, CA, UNITED STATES Kljavin, Iver J., Lafayette, CA, UNITED STATES Klyavin, Iver J., Lafayette, CA, UNITED STATES Kloo, Sophia S., San Francisco, CA, UNITED STATES Napier, Mary A., Hillaborough, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Pan, James, Belmont, CA, UNITED STATES Pan, Michael Canada, CA, UNITED STATES Shelton, David L., Oakland, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES GENENTECH, INC. (U.S. corporation)
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WC 1998-US21485
WC 1999-US24855
WC 1999-US208
WC 1999-US5028
WC 1999-US5028
WC 1999-US1062
WC 1999-US1252
WC 1999-US128513
WC 1999-US28515
WC 1999-US28555
WC 1999-US28555
WC 1999-US28555
WC 1999-US285565
WC 1999-US1241
WC 1909-US21274
WC 2000-US2167
WC 2000-US2176
WC 2000-US2176
WC 2000-US37665
WC 2000-US3665
WC 2000-US50664
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WC 2000-US50664
WC 2000-US5014
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WC 2000-US14941
WC 2000-US12678
WC 2000-US12678
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WC 2000-US12678
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WC 2000-US20710
WC 2000-US20
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 PATENT ASSIGNEE(S):
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                                                                                                                                                                                       NUMBER KIND DATE

US 2003060406 A1 20030327
US 2001-918585 A1 20010730 (9)
Continuation of Ser. No. US 1998-40220, filed on 17
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 PATENT INFORMATION:
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APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                         1998, PENDING Continuation of Ser. No. US 1998-105413, filed on 26 Jun 1998, PENDING Continuation of Ser. No. US 1998-168978, filed on 7 Oct 1998, PENDING Continuation of Ser. No. US 1998-184216, filed on 2
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1998, ABANDONED Continuation of Ser. No. US
1998-187368, filed on 6 Nov 1998, PENDING Continuation
of Ser. No. US 1998-202054, filed on 7 Dec 1998,
PENDING Continuation of Ser. No. US 1999-218517, filed
on 22 Dec 1998, ABANDONED Continuation of Ser. No. US
1999-254645, filed on 5 Mar 1999, PENDING Continuation
of Ser. No. US 1999-265686, filed on 10 Mar 1999,
PENDING Continuation of Ser. No. US 1999-267211, filed
on 12 Mar 1999, ABANDONED Continuation of Ser. No. US
1999-284291, filed on 12 Apr 1994, ABANDONED
Continuation of Ser. No. US 1999-318132, filed on 14
May 1999, PENDING Continuation of Ser. No. US 1999-380138, filed
on 25 Aug 1999, PENDING Continuation of Ser. No. US
1999-380138, filed
on 25 Aug 1999, PENDING Continuation of Ser. No. US
1999-380142, filed on 25 Aug 1999, ABANDONED
Continuation of Ser. No. US 2000-709238, filed on 8
Nov
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WO 2001-US21066
WO 2001-US21735
US 1997-62250P
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PATFULL (Continued)
US 1998-77650P 19
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US 1998-78090P 19
US 1998-78930P 19
US 1998-78930P 19
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US 1998-79660P 19
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  L17 ANSWER 2 OF 10 USPATFULL
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  DOCUMENT TYPE:
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APPLICATION
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GENERIECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,
94080
57
   LEGAL REPRESENTATIVE:
  NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
NUMBER OF DRAWINGS: 237 Drawing Page(s)
LINE COUNT: 2148
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptide. Also provided herein are vectors and host calls comprisig those nucleic acid sequence, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptide of the present invention.
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LL7 ANSWER 3 OF 10 USPATFULL (Continued)

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WG 2000-USA1412 20000222

WG 2000-USA5611 200003101

WG 2000-USA5611 200003101

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US 1997-62016P 19970917 (60)

US 1998-76092P 19980099 (60)

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US 1998-79092P 19980099 (60)

US 1998-79092P 19980099 (60)

US 1998-79092P 19980090 (60)

US 1998-9901P 19980090 (60)

US 1998-19092P 19980090 (60)

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LI7 ANSWER 3 OF 10

ACCESSION NUMBER:
TITLE:
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J.. San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Goo, Wei-Glang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Goddward, Paul J., Hillsborough, CA, UNITED STATES
Replace, Jensie P., Milbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foater City, CA, UNITED STATES
Genetech, Inc. (U.S. corporation)
                                                                                                                                                                                                               NUMBER KIND DATE

US 2003044902 A1 20030306
US 2002-66193 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
        PATENT INFORMATION:
        APPLICATION INFO.:
RELATED APPLN. INFO.:
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NO. 1998-US19330
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NO. 1998-US2465
NO. 1998-US25190
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NO. 1999-US230131
NO. 1999-US23013
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L17 ANSWER 3 OF 10 USPATFULL
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Draw
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75 Drawing Page(s)
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NUMBER OF DRAWINGS: 75 Drawing rage(s)
LINE COUNT: 12208
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present

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L17 ANSWER 4 OF 10 USPATFULL (Continued)

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W0 2001-US1860 
L17 ANSWER 4 OF 10

ACCESSION NUMBER:
2003:64723 USPATFULL
Secreted and transmembrane polypeptides and nucleic acide encoding the same
Ashkenazi, Avi J. San Mateo, CA, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Goundard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., San Francisco, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Watanabe, Colin K., Morege, CA, UNITED STATES
Watanabe, Colin K., Morege, CA, UNITED STATES
Watanabe, Colin K., Morege, CA, UNITED STATES
Neod, William I., Hillsborough, CA, UNITED STATES
Zheng, Zemin, Foster City, CA, UNITED STATES
Genetich, Inc. (non-U.S. corporation)
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US 2003-66211 Al 20030201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov
2001, PENDING
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RELATED APPLN. INFO.:
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L17 ANSWER 4 OF 10 USPATFULL (Continued)
US 1999-169495P 19991207 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Ginger R. Dreger, Knobbe Martens Olson & Bear, 201
California Street, Suite 1150, San Francisco, CA,
```

LIT ANSMER 5 OF 10

ACCESSION NUMBER:

2003:57450 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkensezi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Dernestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, David A., Belmont, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Ferrare, Napoleone, San Francisco, CA, UNITED STATES
Genber, Hampster, San Francisco, CA, UNITED STATES
Gerber, Hampster, San Francisco, CA, UNITED STATES
Geritaen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Goddwski, Paul J., Hillsborough, CA, UNITED STATES
Godwski, Paul J., Hillsborough, CA, UNITED STATES
Rijavin, Ivar J., Layfayette, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Naymargerta Ann, San Francisco, CA, UNITED STATES
Naymargerta Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Watenabe, Colin K., Moraga, CA, UNITED STATES
Watenabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Number

KIND US 2003040014 A1 20030227 US 2002-66169 A1 20020201 (10) Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

NUMBER

WO 1998-US14552
WO 1998-US1824
WO 1998-US19930
WO 1998-US19931
WO 1998-US19437
WO 1998-US24855
WO 1999-US25108
WO 1999-US25108
WO 1999-US25101
WO 1999-US20514
WO 2000-US4141 19980714 19980910 19980914 19980916 1998190 19981201 19991201 19990908 19990908 19990915 19990915 19991202 19991202 19991202 19991202 20000105 20000218 PRIORITY INFORMATION:

L17 ANSWER 5 OF 10 USPATFULL (Continued)
DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA. 92660

NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12217
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

1 75 Drawing Page(s)

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

INVENTOR (S) :

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WO 2000-US4414
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19991207 (60)
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Utility
APPLICATION
KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER
     DOCUMENT TYPE:
     FILE SEGMENT:
LEGAL REPRESENTATIVE:
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WO 2001-US17403
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WO 2001-US17606
WO 2001-US176
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19990720 (60)
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    DOCUMENT TYPE:
                                                                                                                                                               Utility
APPLICATION
    FILE SEGMENT:
LEGAL REPRESENTATIVE:
                                                                                                                                                               KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
    NUMBER OF CLAIMS:
    EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                                                                                                                               75 Drawing Page(s)
   LINE COUNT: 12196
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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TENTOR(S):

WENTOR(S):

Answer 6 OF 10

USPATFULL

2003:44753 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gao, Wei-Giang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gertiseen, Mary E., San Mateo, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Goddwarki, Paul J., Hillaborough, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Mather, Jannie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillaborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, Janes, Belmont, CA, UNITED STATES
Pan, Janes, Belmont, CA, UNITED STATES
Nobleman, Timothy A., San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Zhang, Zemin, Foater City, CA, UNITED STATES
Zhang, Zemin, Foater City, CA, UNITED STATES
Zhang, Zemin, Foater City, CA, UNITED STATES
PATENT ASSIGNEE(S):
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         KIND DATE
                                                                                                                                                                                                                                                                                                                US 2003032063 A1 20030213 US 2002-66494 A1 20020201 (10) Continuation of Ser. No. US 2001-2796, filed on 15 Nov
PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                                                                                                                                                   2001, PENDING
                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DATE
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WO 1998-US19930
WO 1998-US19437
WO 1998-US19437
WO 1998-US2485
WO 1998-US25108
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WO 1999-US25108
WO 1999-US20114
PRIORITY INFORMATION:
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20000301

2000-U54414 WO 2000-US5601

ANSWER 6 OP 10 USPATFULL (Continued)

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

of the present invention fused to heterologous polypeptide sequences, antibodiss which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present

LI7 ANSWER 7 OF 10

ACCESSION NUMBER:
TITLE:
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkensei, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Goddward, Paul J., Hillsborough, CA, UNITED STATES
Gourney, Austin L., Belmont, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Mather, Jennie P., Millbrae, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Paon, James, Belmont, CA, UNITED STATES
Paon, James, Belmont, CA, UNITED STATES
Paon, Nicholas F., Belmont, CA, UNITED STATES
Paon, Nicholas F., Belmont, CA, UNITED STATES
Paon, Nicholas F., Belmont, CA, UNITED STATES
Paon, San Prancisco, CA, UNITED STATES
Napier, Timothy A., San Prancisco, CA, UNITED STATES
Watamabe, Colin K., Morega, CA, UNITED STATES
Wood, Milliam I., Nillaborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genetich, Inc. (U.S. corporation)

NO DATE KIND US 2003032062 A1 20030213 US 2002-66273 A1 20020201 (10) Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING NUMBER PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

NUMBER DATE NO 1998-US14552
WO 1998-US18824
WO 1998-US1982
WO 1998-US19330
WO 1998-US19330
WO 1998-US24455
WO 1998-US25190
WO 1999-US20190
WO 1999-US20190 19980714 19980910 19980914 PRIORITY INFORMATION: 19980916 19980917 19980917 19981120 19981201 19981125 19990308 19990308 19990602 19990901 19990915 19990915 1999120

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L17 ANSWER 7 OF 10 USPATFULL (Continued)
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L17 ANSWER 7 OF 10 USPATFULL (Continued)
DRIVE, SIXTEENTH FLOOR, NEMPORT BEACH, CA. 92660
NUMBER OF CLAIMS: 39 NUMBER OF CLAIMS: 39

EXEMPLARY CLAIM: 19

EXEMPLARY CLAIM: 15

NUMBER OF DRAWINGS: 75 Drawing Page(s)

LINE COUNT: 12204

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

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L17 ANSWER 8 OF 10 USPATFULL
ACCESSION NUMBER: 2003:44747 USPATFULL
TITLE: Secreted and transmember
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PATPULL (Continued)

NO 2000-US4341 200

NO 2000-US4414 200

NO 2000-US4414 200

NO 2000-US5601 200

NO 2000-US561 200

NO 2000-US7377 200

NO 2000-US7377 200

NO 2000-US13785 200

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NO 2000-US23232 200

NO 2000-US23232 200

NO 2000-US23678 200

NO 2000-US3678 200

NO 2000-US3678 200

NO 2001-US17443 200

NO 2001-US1760 200

NO 
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2003:44747 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same Ashkenazi, Avi J., San Mateo, CA, UNITED STATES Baker, Kevin P., Darnestown, MD, UNITED STATES Botestein, David A., Belmont, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Desnoyers, Luc, San Francisco, CA, UNITED STATES Eaton, Dan L., San Rafael, CA, UNITED STATES Ferrara, Napoleone, San Francisco, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES Gorber, Hanspeter, San Francisco, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Goddard, Audrey, San Francisco, CA, UNITED STATES Godrewki, Paul J., Hillaborough, CA, UNITED STATES Kljavin, Ivar J., Leyfayette, CA, UNITED STATES Kljavin, Ivar J., Leyfayette, CA, UNITED STATES Napier, Mary A., Hillaborough, CA, UNITED STATES Paoni, Nicolas F., Belmont, CA, UNITED STATES Paoni, Nicolas F., Belmont, CA, UNITED STATES Stewart, Timothy A., San Francisco, CA, UNITED STATES Tumas, Daniel, Orinda, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES CHENTER, Institut States Chenter, Inc. (U.S. Corporation)
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 INVENTOR (S):
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 PATENT ASSIGNEE(S):
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A1 20011115 (10)
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19980818 (60)
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NO 1998-US14552
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W0 1998-US19300
W0 1998-US19310
W0 1998-US24855
W0 1998-US25100
W0 1999-US25100
W0 1999-US20111
W0 1999-US20111
W0 1999-US20110
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W0 1999-US20199
W0 1999-US208565
W0 1999-US208599
W0 2000-US219
 PRIORITY INFORMATION:
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L17 ANSWER 8 OF 10 USPATFULL (Continued)
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: Attn: Ginger R. Dreger, Esq., Knobbe, Martens, Olson &
Bear, 201 California Street #1150, San Francisco, CA,
94111-3335
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
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75 Drawing Page(s)
NUMBER OF DRAWINGS: 75 Drawing Page(8)
LINE COUNT: 12185
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides
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the present invention fused to heterologous polypeptide sequences, satisfied which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present

L17 ANSWER 9 OF 10

ACCESSION NUMBER:
1TITLE:
2002:314688 USPATFULL
Secreted and transmembrane polypeptides and nucleic acids encoding
Ashkenazi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Forny, Sherman, Alameda, CA, UNITED STATES
Geo, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Godowaki, Paul J., Hillsborough, CA, UNITED STATES
Godowaki, Paul J., Hillsborough, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Kijavin, Ivar J., Layfayette, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Nay Margaret Ann, San Francisco, CA, UNITED STATES
Nay Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Prancisco, CA, UNITED STATES
Nay Margaret Ann, San Francisco, CA, UNITED STATES
Nay Margaret Ann, San Franc

US 2002177165 A1 20021128
US 2002-66500 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING NUMBER KIND DATE PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

			NUMBER	DATE
RIORITY	INFORMATION:		1998-US14552	
		WO	1998-US18824.	19980910
		WO	1998-US19093	19980914
		WO	1998-US19330	19980916
		WO	1998-US19437	19980917
		WO	1998-US24855	
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			1998-US25190	
			1999-US5028	
			1999-US12252	
			1999-US20111	19990901
		WO	1999-US20594	19990908
		WO	1999-US21090	19990915
		WO	1999-US21547	19990915
		WO	1999-US28301	19991201
			1999-US28313	
			1999-US28565	19991202
			1999-US30999	
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		WO	2000-US4342	20000218

L17 ANSWER 9 OF 10 USPATFULL

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SPATFULL (Continued)

MO 2000-US4414 20000222

MO 2000-US4411 20000301

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MO 2000-US47377 20000310

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US 1998-79804P 19980209 (60)

US 1998-79804P 19990201 (60)

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US 1998-19085P 1999001 (60)

US 1999-185098P 1999010 (60)

US 1999-185098P 1999010 (60)

US 1999-185098P 19990017 (60)

US 1999-185098P 1999
DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE:
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L17 ANSWER 10 OF 10 USPATFULL
ACCESSION NUMBER: 2002:9203 USPATFULL
TITLE: Radiolabeled immunotoxins
INVENTOR(S): Vallera, Daniel A., St. Louis Park, MN, UNITED STATES
Buchabaum, Donald J., Birmingham, AL, UNITED STATES
                                                                                                                                        KIND
                                                                                              NUMBER
                                                                                                                                                                 DATE
                                                                             US 2002048550
US 2001-910639
                                                                                                                                           A1 20020425
A1 20010720
 PATENT INFORMATION:
APPLICATION INFO.:
                                                                                                    NUMBER
                                                                                                                                                DATE
                                                                            US 2000-219759P 20000720 (60)
Urility
APPLICATION
MARK S. ELLINGER, PH.D., Fish & Richardson P.C., Suite
2800, 45 Rockefeller Plaza, New York, NY, 10111
PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS: 39

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 12 Drawing Page(s)

LINE COUNT: 1504

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention features radiolabeled immunotoxins, and radiolabeled multimeric (e.g., dimeric) immunotoxins. Also encompassed by the invention are methods of killing pathogenic cells, imaging, and making radiolabeled immunotoxins and radiolabeled multimeric immunotoxins.
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L17 ANSWER 9 OF 10 USPATFULL (Continued)
1150, 201 California Street, San Prancisco, CA, 94111
NUMBER OF CLAIMS: 39
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                                     1
75 Drawing Page(s)
NOMBER OF DRAWINGS: 75 Drawing page(s)
LINE COUNT: 12214
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides
                    the present invention fused to heterologous polypeptide sequences, satibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
of
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<C 09/910,639

=> s l14 and (pathogenic(w)cell?)
L18 1 L14 AND (PATHOGENIC(W) CELL?)

=> d ab

Page 20

Li8 ANSMER 1 OF 1 USPATFULL

AB The invention features radiolabeled immunotoxins, and radiolabeled multimeric (e.g., dimeric) immunotoxins. Also encompassed by the invention are methods of killing pathogenic cells, imaging, and making radiolabeled immunotoxins and radiolabeled multimeric immunotoxins.

=> s l14 and disease? L19 137 L14 AND DISEASE?

=> s l19 and screen?

L20 136 L19 AND SCREEN?

=> s 120 and pathogenic

L21 26 L20 AND PATHOGENIC

=> dup rem

ENTER L# LIST OR (END):121
PROCESSING COMPLETED FOR 1.21

PROCESSING COMPLETED FOR L21 L22 26 DUP REM L21 (0 DUPLICATES REMOVED)

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L23 10 L17 NOT L22

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 10 ANSWERS - CONTINUE? Y/(N):y

Nov

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PATFULL

2003:152892 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same

Ashkenazi, Avi J., San Mateo, CA, UNITED STATES

Baker, Kevin P., Darnestown, MD, UNITED STATES

Botstein, David A., Belmont, CA, UNITED STATES

Botstein, David A., Belmont, CA, UNITED STATES

Botstein, David A., Belmont, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Eaton, Dan L., San Rafael, CA, UNITED STATES

Fornara, Napoleone, San Franciaco, CA, UNITED STATES

God, Wei-Qiang, Palo Alto, CA, UNITED STATES

Gaber, Hanspeter, San Franciaco, CA, UNITED STATES

Goddard, Audrey, San Franciaco, CA, UNITED STATES

Godwiney, Austin L., Belmont, CA, UNITED STATES

Kljavin, Ivar J., Layfayette, CA, UNITED STATES

Kljavin, Ivar J., Layfayette, CA, UNITED STATES

Napier, Mary A., Hillaborough, CA, UNITED STATES

Napier, Mary A., Hillaborough, CA, UNITED STATES

Paoni, Nicholas F., Belmont, CA, UNITED STATES

Roy, Margaret Ann, San Franciaco, CA, UNITED STATES

Roy, Margaret Ann, San Franciaco, CA, UNITED STATES

Stewart, Timothy A., San Franciaco, CA, UNITED STATES

Watenabe, Colin K., Moraga, CA, UNITED STATES

Watenabe, Colin K., Moraga, CA, UNITED STATES

Watenabe, P. Mickey, Half Moon Bay, CA, UNITED STATES

Wood, William I., Hillsborough, CA, UNITED STATES

Chemiceh, Inc. (U.S. corporation)

NUMBER

KIND DATE
   L23 ANSWER 1 OF 10 USPATFULL
ACCESSION NUMBER: 2003:15
   TITLE:
   INVENTOR(S):
   PATENT ASSIGNEE(S):
                                                                                                                                                                                NUMBER KIND DATE

US 2003104558 A1 20030605
US 2002-226739 A1 20020823 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING Continuation of Ser. No. WO
   PATENT INFORMATION:
 APPLICATION INFO.:
RELATED APPLN. INFO.:
 2000-11514042
                                                                                                                                                                                    filed on 22 May 2000, PENDING
                                                                                                                                                                                                                                    NUMBER
                                                                                                                                                                                                                                                                                                                                     DATE
                                                                                                                                                                                NO 1999-US20191
NO 1999-US20594
NO 1999-US210590
NO 1999-US21547
NO 1999-US28311
NO 1999-US28310
NO 1999-US28310
NO 1999-US28310
NO 2000-US4341
NO 2000-US4341
NO 2000-US5601
NO 2000-US5641
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NO 2000-US5641
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   PRIORITY INFORMATION:
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2003:86798 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same 
Ashkenazi, Avi J., San Mateo, CA, UNITED STATES 
Baker, Kevin P., Darnestown, MD, UNITED STATES 
Botstein, David, Belmont, CA, UNITED STATES 
Desnoyers, Luc, San Prancisco, CA, UNITED STATES 
Eaton, Dan L., San Rafael, CA, UNITED STATES 
Ferrara, Napoleone, San Francisco, CA, UNITED STATES 
Filvaroff, Ellen, San Francisco, CA, UNITED STATES 
Fong, Sherman, Alamedra, CA, UNITED STATES 
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES 
Gerber, Hanspeter, San Francisco, CA, UNITED STATES 
Goddard, Audrey, San Francisco, CA, UNITED STATES 
Goddard, Judrey, San Francisco, CA, UNITED STATES 
Goddard, Judrey, San Francisco, CA, UNITED STATES 
Goddard, Judrey, San Francisco, CA, UNITED STATES 
Goddard, San Francisco, CA, UNITED STATES 
Goddard, Paul J., Burlingame, CA, UNITED STATES 
Grimaldi, J. Christopher, San Francisco, CA, UNITED 
STATES
 L23 ANSWER 2 OF 10 USPATFULL ACCESSION NUMBER: 2003:81
TITLE: Secret
 INVENTOR(S):
                                                                                                                                                                             Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
GURNEY, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Kljavin, Ivar J., Lafayette, CA, UNITED STATES
Klyavin, Ivar J., Lafayette, CA, UNITED STATES
Klyavin, Ivar J., Lafayette, CA, UNITED STATES
Napier, Mary A., Hillsborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Panni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Shelton, David L., Oakland, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
PATENT ASSIGNEE (S):
                                                                                                                                                                              NUMBER KIND DATE

US 2003060406 A1 20030327
US 2001-918585 A1 20010730 (9)
Continuation of Ser. No. US 1998-40220, filed on 17
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 APPLICATION INFO.:
RELATED APPLN. INFO.:
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APPLICATION
        FILE SEGMENT:
LEGAL REPRESENTATIVE:
                                                                                                                                          Arth: Ginger R. Dreger, Esq., Knobbe, Martens, Olson &
Bear, 16th Floor, 620 Newport Center Drive, Newport
Beach, CA, 92660
        NUMBER OF CLAIMS:
     NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 11726
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides
                                             the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
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filed on 27 Nov 2000, PENDING Continuation of Ser. No.
US 2000-747259, filed on 20 Dec 2000, PENDING
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Mar 2001, PENDING Continuation of Ser. No. US
2001-816920, filed on 22 Mar 2001, PENDING
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1998-187368, filed on 6 Nov 1998, PENDING Continuation
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on 22 Dec 1998, ABANDONED Continuation of Ser. No. US
1999-254645, filed on 5 Mar 1999, PENDING Continuation
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on 12 Mar 1999, ABANDONED Continuation of Ser. No. US
1999-284291, filed on 12 Apr 1999, ABANDONED
Continuation of Ser. No. US 1999-3180138, filed
on 25 Aug 1999, PENDING Continuation of Ser. No. US 399-380138, filed
on 25 Aug 1999, PENDING Continuation of Ser. No. US
1999-380142, filed on 35 Aug 1999, ABANDONED
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1999-380142, filed on 35 Aug 1999, ABANDONED
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94080
PERMITLARY CIAIMS:
137 Drawing Page(s)
LINE COUNT:
21248
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptide. Also provided herein are vectors and host cells comprisig those nucleic acid sequence, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptide of the present invention.
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SPATFULL (Continued)

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W0 2009-
L23 ANSWER 3 OF 10 USPATFULL
         PILE SEGMENT:
LEGAL REPRESENTATIVE:
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NUMBER OF CLAIMS:

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L23 ANSWER 3 OF 10

ACCESSION NUMBER:
TITLE:

Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J. San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Go, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gorber, Hampster, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Gourney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Leyfayette, CA, UNITED STATES
Mapher, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Delmont, CA, UNITED STATES
Pan, James, Delmont, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, Milliam I., Hillsborough, CA, UNITED STATES
Zheng, Zemin, Poeter City, CA, UNITED STATES
Genentech, Inc. (U. S. corporation)
                                                                                                                                                                                                                                                                                                                                                          NUMBER KIND DATE

US 2003044902 A1 20030306
US 2002-66193 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
              PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER
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                 PRIORITY INFORMATION:
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ANSWER 3 OF 10 USPATFULL (Continued) EXEMPLARY CLAIM: NUMBER OF DRAWINGS: 1 75 Drawing Page(s)

NOMBER OF DRAWINS: 75 Drawing rage(s)
LINE COUNT: 12208
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

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L23 ANSWER 4 OF 10 USPATFULL
ACCESSION NUMBER: 2003:64723 USPATFULL
TITLE: Secreted and transmemb
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2003:64733 USPATPULL

2004:6473 Earne 
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INVENTOR (S) :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20000222
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PATENT ASSIGNEE(S):
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US 2003044844 A1 20030306
US 2002-65211 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                                                                                                                                                             NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DATE
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NO 1998-US18524
NO 1998-US18624
NO 1998-US19093
NO 1998-US19310
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NO 1998-US2455
NO 1999-US25108
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NO 1999-US2011
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NO 1999-US2011
NO 1999-US21031
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19991201
PRIORITY INFORMATION:
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L23 ANSWER 4 OF 10 USPATFULL (Continued)
US 1999-169495P 19
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION 19991207 (60) FILE SEGMENT: LEGAL REPRESENTATIVE: Ginger R. Dreger, Knobbe Martens Olson & Bear, 201 California Street, Suite 1150, San Francisco, CA, 94111
NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12202
CAS INDEXING IS AVAILABLE POR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host ealls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 5 OF 10 USPATFULL
ACCESSION NUMBER: 2003:57450 USPATFULL
TITLE: Secreted and transmembrane polypeptides and nucleic 2003:57450 USPATFULL
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenati, Avi J. San Mateo, CA, UNITED STATES
Baker, Kevin P., Dernestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Forg, Sherman, Alameda, CA, UNITED STATES
Forg, Sherman, Alameda, CA, UNITED STATES
Godow Mei-Qiang, Palo Alto, CA, UNITED STATES
Godow Mei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Goddwaki, Paul J., Hillsborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Layfayette, CA, UNITED STATES
Meiher, Jennie P., Millbrae, CA, UNITED STATES
Meher, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, Inholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Williams, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Morega, CA, UNITED STATES
Connected, Inc. (U.S. corporation)

NUMBER KIND DATE INVENTOR (S):

PATENT ASSIGNEE (S):

A1 20030227 A1 20020201 PATENT INFORMATION: US 2003040014 US 2002-66269 US 2002-66269 A1 20020201 (10) Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING APPLICATION INFO. RELATED APPLN. INFO.:

DATE

NUMBER

NUMBER

PRIORITY INFORMATION:

WO	1998-US14552	19980714
WO	1998-US18824	19980910
WO	1998-US19093	19980914
WO	1998-US19330	19980916
WO	1998-US19437	19980917
WO	1998-US24855	19981120
WO	1998-US25108	19981201
WO	1998-US25190	19981125
WO	1999-US5028	19990308
WO	1999-US12252	19990602
WO	1999-US20111	19990901
WO	1999-US20594	19990908
WO	1999-US21090	19990915
WO	1999-US21547	19990915
WO	1999-US28301	19991201
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WO	2000-US219	20000105
WO	2000-US4341	20000218
WO	2000-US4342	20000218

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

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                       WO 2000-US4414
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WO 2000-US5841
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DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE:
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WO 2000-US15464
WO 2000-US23522
WO 2000-US23522
WO 2000-US235262
WO 2000-US23520
WO 2001-US57403
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19990323 (60)
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19990720 (60)
19990817 (60)
19990817 (60)
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   FILE SEGMENT:
LEGAL REPRESENTATIVE:
                                                                                                                                                                                    KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(a)
LINE COUNT: 12196
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L23 ANSWER 5 OF 10 USPATFULL (Continued)
DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NOMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12217
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present

1 75 Drawing Page(s)

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L23 ANSWER 6 OF 10

ACCESSION NUMBER:
TITLE:
Secreted and transmembrane polypeptides and nucleic acide encoding the same
Ashkenazi, Avi J., Sam Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Ferrara, Napoleone, San Francisco, CA, UNITED STATES
Go, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Henspeter, San Francisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Godowski, Paul J., Hilleborough, CA, UNITED STATES
Kljavin, Ivar J., Layfayette, CA, UNITED STATES
Mapher, Jennie P., Millbree, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., Hilleborough, CA, UNITED STATES
Napier, Mary A., San Prancisco, CA, UNITED STATES
Napier, Mary A., San Prancisco, CA, UNITED STATES
Napier, Mary A., San Prancisco, CA, UNITED STATES
Napier, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hilleborough, CA, UNITED STATES
Wood, William I., Hilleborough, CA, UNITED STATES
Schang, Zemin, Poster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
                                                                                                                                                                                                                                                                                                                       NUMBER KIND DATE

US 2003032063 Al 20030213
US 2002-66494 Al 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING
                PATENT INPORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DATE
                                                                                                                                                                                                                                                                                                                       NUMBER
W0 1998-US19091
W0 1998-US19310
W0 1998-US19317
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W0 1999-US25108
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19980914

20000222 20000301

PRIORITY INFORMATION:

ANSWER 6 OF 10 USPATFULL (Continued)

The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein ere vectors and hoat cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 7 OF 10
ACCESSION NUMBER:
TITLE:
Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenszi, Avi J., San Mateo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Beaton, Dan L., San Rafael, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Forgara, Napoleone, San Francisco, CA, UNITED STATES
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Prancisco, CA, UNITED STATES
Gerritsen, Mary E., San Mateo, CA, UNITED STATES
Goddward, Paul J., Hillsborough, CA, UNITED STATES
Goddward, Paul J., Hillsborough, CA, UNITED STATES
Godward, Paul J., Hillsborough, CA, UNITED STATES
Mather, Jennie P., Millbare, CA, UNITED STATES
Mapier, Mary A., Hillsborough, CA, UNITED STATES
Paoni, Nicholas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Stewart, Timothy A., San Francisco, CA, UNITED STATES
Tumes, Daniel, Orinda, CA, UNITED STATES
Wetanabe, Colin K., Moraga, CA, UNITED STATES
Wetanabe, Colin K., Moraga, CA, UNITED STATES
William, P. Mickey, Half Moon Bay, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Chang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

NUMBER KIND DATE US 2003032062 A1 20030213 US 2002-65273 A1 20020201 (10) Continuation of Ser. No. US 2001-2796, filed on 15 Nov 2001, PENDING PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

NUMBER DATE NUMBER

NUMBER

NUMBER

NO 1998-US18824

NO 1998-US1990

NO 1998-US1931

NO 1998-US24955

NO 1998-US2455

NO 1998-US25190

NO 1999-US25190

NO 1999-US25190

NO 1999-US20191

NO 1999-US20191

NO 1999-US20191

NO 1999-US20191

NO 1999-US20191

NO 1999-US20594

NO 1999-US20594

NO 1999-US20591

NO 1999-US20591

NO 1999-US20591 19980714 19980910 19980916 19980916 19980917 19981201 19981201 19981201 19990902 19990908 19990908 19990915 19990915 19991201 PRIORITY INFORMATION:

SPATFULL (Continued)

WO 1999-US10999 19991220

WO 2000-US2139 2000105

WO 2000-US4141 20000218

WO 2000-US4141 20000218

WO 2000-US4141 20000219

WO 2000-US4141 20000302

WO 2000-US4141 20000302

WO 2000-US4141 20000302

WO 2000-US5411 20000302

WO 2000-US5411 20000302

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WO 2000-US13758 20000515

WO 2000-US13758 20000517

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WO 2000-US13642 20000520

WO 2000-US13642 20000602

WO 2000-US13678 20000602

WO 2000-US23051 20000824

WO 2000-US23051 20000824

WO 2000-US33678 20010201

WO 2001-US17800 20010601

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WO 2001-US17809 20010601

WO 2001-US17809 20010601

WO 2001-US21066 20010629

WO 2001-US21069 1997091 (60)

US 1997-59503P 1997091 (60)

US 1997-63032P 1997017 (60)

US 1997-69504P 1997111 (60)

US 1997-9903P 1998018 (60)

US 1998-9900P 1

L23 ANSWER 7 OF 10 USPATFULL

DOCUMENT TYPE: PILE SEGMENT: LEGAL REPRESENTATIVE: L23 ANSWER 7 OF 10 USPATFULL

PATFULL (Continued)
DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS: 39

NUMBER OF CLAIMS: 39
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 75 Drawing Page(s)
LINE COUNT: 12204
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of

the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

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L23 ANSWER 8 OF 10 USPATFULL (Continued)
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W0 2000-US4342 20
W0 2000-US4414 00 2000-US4611 20
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2003:44747 USPATFULL

2003:44747 USPATFULL

Secreted and transmembrane polypeptides and nucleic acids encoding the same
Ashkenazi, Avi J., San Meteo, CA, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Desnoyers, Luc, San Francisco, CA, UNITED STATES
Betton, Dan L., San Rafael, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Forng, Sherman, Alameda, CA, UNITED STATES
Gao, Wei-Qlang, Palo Alto, CA, UNITED STATES
Gao, Wei-Qlang, Palo Alto, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Kljavin, Ivar J., Leyfayette, CA, UNITED STATES
Napier, Mary A., Hillaborough, CA, UNITED STATES
Paoni, Nicolas F., Belmont, CA, UNITED STATES
Paoni, Nicolas F., Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watenabe, Colin K., Moraga, CA, UNITED STATES
Zheng, Zemin, Foster City, CA, UNITED STATES
Zheng, Zemin, Foster City, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
L23 ANSWER 8 OF 10 USPATFULL
ACCESSION NUMBER: 2003:44747 USPATFULL
TITLE:
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INVENTOR(S):
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WO 2000-US1471
WO 2000-US15261
WO 2000-US12671
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WO 2000-US12671
WO 2001-US17461
WO 2001-
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PATENT ASSIGNEE(S):
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                                                                                                                                                                                                                                        UMBER KIND DATE
                                                                                                                                                                                                                           NUMBER
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A1 20011115 (10)
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PATENT INFORMATION:
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APPLICATION INFO. :
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                                                                                                                                                                                                                                          NUMBER
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WO 1998-US18824
WO 1998-US18824
WO 1998-US1930
WO 1998-US19310
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WO 1998-US19310
WO 1998-US2455
WO 1998-US25108
WO 1999-US2455
WO 1999-US20511
WO 1999-US20511
WO 1999-US21547
WO 1999-US21547
WO 1999-US23001
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19991202
PRIORITY INFORMATION:
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L23 ANSMER 8 OF 10 USPATFULL (Continued)
PILE SEGMENT: APPLICATION
ACT.: Ginger R. Dreger, Esq., Knobbe, Martens, Olson &
Bear, 201 California Street #1150, San Francisco, CA,
94111-3335
 NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
EXEMPLARY CLAIM:

10 DRAWINGS: 75 Drawing Page(s)

LINE COUNT: 12185

CAS INDEXING SAVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host eals comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides.
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the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.

L23 ANSWER 9 OF 10 USPATFULL ACCESSION NUMBER: 2002:3 2002:314688 USPATFULL Secreted and transmembrane polypeptides and nucleic 2002:314688 USPATFULL
Secreted and transmembrane polypeptides and nucleic acids encoding
secreted and transmembrane polypeptides and nucleic acids encoding
Baker, Kevin P., Darnestown, MD, UNITED STATES
Baker, Kevin P., Darnestown, MD, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Botstein, David A., Belmont, CA, UNITED STATES
Beaton, Dan L., San Rafael, CA, UNITED STATES
Eaton, Dan L., San Rafael, CA, UNITED STATES
Forngra, Napoleone, San Francisco, CA, UNITED STATES
Godow, Mel-Qiang, Palo Alto, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Goddowaki, Paul J., Hilsborough, CA, UNITED STATES
Goddowaki, Paul J., Hilsborough, CA, UNITED STATES
Kljavin, Ivar J., Layfayette, CA, UNITED STATES
Kljavin, Ivar J., Layfayette, CA, UNITED STATES
Mether, Jennie P., Millbrae, CA, UNITED STATES
Meher, Jennie P., Millbrae, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Pan, James, Belmont, CA, UNITED STATES
Roy, Margaret Ann, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinde, CA, UNITED STATES
Tumas, Daniel, Orinde, CA, UNITED STATES
Williams, P Mickey, Half Moon Bay, CA, UNITED STATES
Whod, William I., Hillsborough, CA, UNITED STATES
Whod, William I., Hillsborough, CA, UNITED STATES
Chang, Zemin, Foster City, CA, UNITED STATES
Chentech, Inc. (U.S. corporation) TITLE: INVENTOR (S):

NUMBER KIND DATE

US 2002177165 A1 20021128
US 2002-66500 A1 20020201 (10)
Continuation of Ser. No. US 2001-2796, filed on 15 Nov PATENT INFORMATION: APPLICATION INFO. RELATED APPLN. INFO.: 2001. PENDING

NUMBER DATE NUMBER

WO 1998-US18824
WO 1998-US18824
WO 1998-US19300
WO 1998-US19310
WO 1998-US19310
WO 1998-US24655
WO 1998-US24655
WO 1998-US25190
WO 1999-US20594
WO 1999-US20594
WO 1999-US20594
WO 1999-US20594
WO 1999-US20800
WO 1999-US283010
WO 1999-US283010
WO 1999-US283010
WO 1999-US283010
WO 1999-US283099
WO 2000-US219
WO 2000-US2141 19980714 19980910 19980914 19980916 19980917 PRIORITY INFORMATION: 19981120 19981201 19981201 19981125 19990308 19990602 19990901 19990908 19990915 19990915 19991201 19991130 19991202 19991220 WO 2000-US4341 WO 2000-US4342 20000218 20000218

PATENT ASSIGNEE(S):

L23 ANSWER 9 OF 10 USPATFULL

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| MO 2000-US$414 | 20000322 | MO 2000-US$601 | 20000302 | MO 2000-US$613 | 20000302 | MO 2000-US$6471 | 20000302 | MO 2000-US$6471 | 20000302 | MO 2000-US$6471 | 200003120 | MO 2000-US$6471 | 200003120 | MO 2000-US$13705 | 20000515 | MO 2000-US$14941 | 20000530 | MO 2000-US$14941 | 20000530 | MO 2000-US$12642 | 20000602 | MO 2001-US$12622 | 20000824 | MO 2001-US$12622 | 20000824 | MO 2001-US$17800 | 20010228 | MO 2001-US$17800 | 20010228 | MO 2001-US$17800 | 20010228 | MO 2001-US$17800 | 20016610 | MO 2001-US$12066 | 20010629 | MO 2001-US$17800 | 20010620 | MO 2001-US$17800 | 20016610 | MO 2001-US$1375 | 20010600 | MO 2001-US$1375 | 20010600 | MO 2001-US$1397-56974P | 19970917 | (60) | US 1997-56974P | 19970917 | (60) | US 1997-62285P | 19970917 | (60) | US 1997-62285P | 19970917 | (60) | US 1997-62385P | 1997017 | (60) | US 1997-63032P | 19971024 | (60) | US 1997-63032P | 19971024 | (60) | US 1997-66364P | 19971121 | (60) | US 1998-70008P | 19980100 | (60) | US 1998-10008BP | 19990100 | (60) | U
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(Continued)

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L23 ANSWER 10 OF 10 USPATFULL
ACCESSION NUMBER: 2002;9203 USPATFULL
RAdiolabeled immunotoxins
INVENTOR(S): Vallera, Daniel A., St. Louis Park, MN, UNITED STATES
Buchabaum, Donald J., Birminghem, AL, UNITED STATES
Buchabaum, Donald J., Birminghem, AL, UNITED STATES
Buchabaum, Donald J., Birminghem, AL, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2002048550 Al 20020425
APPLICATION INFO.: US 2001-910639 Al 20010720 (9)

NUMBER DATE

PRIORITY INFORMATION: US 2000-219759P 20000720 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MARK S. ELINGER, PH.D., Fish & Richardson P.C., Suite
APPLICATION
LEGAL REPRESENTATIVE: MARK S. ELINGER, PH.D., Fish & Richardson P.C., Suite
APPLICATION
LEGAL REPRESENTATIVE: 1504
CAS INDEXING IS AVAILABLE FOR THIS PATENT
AB The invention features radiolabeled immunotoxins,
and radiolabeled multimeric (e.g., dimeric)
immunotoxins Also encompased by the invention are methods of
killing pathogenic cells, imaging, and making
radiolabeled immunotoxins and radiolabeled
multimeric immunotoxins and radiolabeled
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L23 ANSWER 9 OF 10 USPATFULL (Continued)

1150, 201 California Street, San Francisco, CA, 94111

NUMBER OF CLAIMS: 39

EXEMPLARY CLAIM: 1

1214

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present-invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
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09/910,639

Page 30

=> d 122 ibib ab 1-YOU HAVE REQUESTED DATA FROM 26 ANSWERS - CONTINUE? Y/(N):y

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L22 ANSWER 1 OF 26 USPATFULL
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L22 ANSWER 1 OF 26

ACCESSION NUMBER:
TITLE:

INVENTOR(S):

Baker, Kevin P., Darnestown, MD, UNITED STATES
Gerber, Hanapeter, San Francisco, CA, UNITED STATES
Gerber, Hanapeter, San Francisco, CA, UNITED STATES
Goddowski, Paul J., Hillsborough, CA, UNITED STATES
GODWSki, Paul J., Hillsborough, CA, UNITED STATES
GUTNey, Austin L., Belmont, CA, UNITED STATES
GUTNey, Austin L., Belmont, CA, UNITED STATES
Hillen, Kenneth J., San Prancisco, CA, UNITED STATES
Hillen, Kenneth J., San Prancisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Hillen, Kenneth J., San Prancisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Williame, P. Mickey, Half Moon Bay, CA, UNITED STATES
Williame, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES

NUMBER KIND DATE

US 2003105013 A1 20030605
US 2002-223090 A1 20020816 (10)
Continuation of Ser. No. US 2002-81056, filed on 20 PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

2002, PENDING Continuation of Ser. No. WO 2001-US21735,

filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING Utility APPLICATION.

DOCUMENT TYPE:

FILE SEGMENT: LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

NUMBER OF CLAIMS: EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

392 Drawing Page(s)

LINE COUNT:

OUNT: 8593

Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides

and

to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the

L22 ANSWER 2 OF 26

ACCESSION NUMBER:
TITLE:

INVENTOR(S):

Baker, Kevin P., Darnestown, MD, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Gerber, Hanspeter, San Francisco, CA, UNITED STATES
Goddowski, Paul J., Hillaborough, CA, UNITED STATES
Goddowski, Paul J., Hillaborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Wastanabe, Colin K., Moraga, CA, UNITED STATES
Watanabe, COlin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillaborough, CA, UNITED STATES
Ye, Weilan, Foster City, CA, UNITED STATES
Genettech, Inc. (U.S. corporation)

NUMBER KIND DATE

US 2003105012 A1 20030605
US 2002-233088 A1 20020816 (10)
Continuation of Ser. No. US 2002-81056, filed on 20 PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: Feb

2002, PENDING Continuation of Ser. No. WO 2001-US21735,

filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING

US 2000-232887P 20000915 (60)
US 11ity
APPLICATION
GENERIECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,
94080
43

NUMBER OF CLAIMS: 43

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINOS: 392 Drawing Page(s)

LINE COUNT: 8587

AB Compositions and methods are disclosed for stimulating or inhibiting aniogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be diagnosed, prevented, or treated by the compositions herein include trauma such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides

to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the

L22 ANSWER 2 OF 26 USPATFULL

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<C
L22 ANSWER 3 OF 26

ACCESSION NUMBER:
TITLE:
Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis
Baker, Kevin P., Darnestown, MD, UNITED STATES
Gerber, Hanspeter, San Prancisco, CA, UNITED STATES
Gerber, Hanspeter, San Prancisco, CA, UNITED STATES
Goddord, Audrey, San Prancisco, CA, UNITED STATES
Goddowski, Paul J., Hilsborough, CA, UNITED STATES
Godwarki, Paul J., Hilsborough, CA, UNITED STATES
Godwarki, Paul J., Hilsborough, CA, UNITED STATES
Hillen, Kenneth J., San Francisco, CA, UNITED STATES
Hillen, Kenneth J., San Francisco, CA, UNITED STATES
Marsters, Scot A., San Carlos, CA, UNITED STATES
Pan, James, Etobicoke, CANDA
Stephan, Jean-Philippe F., Millbree, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hilsborough, CA, UNITED STATES
Ye, Wellan, Foster City, CA, UNITED STATES
Ye, Wellan, Foster City, CA, UNITED STATES
NIMBER KIND DATE
                                                                                             NUMBER KIND DATE

US 2003105011 A1 20030605

US 2002-223084 A1 20020816 (10)

Continuation of Ser. No. US 2002-81056, filed on 20
   PATENT INFORMATION:
  APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                              2002, PENDING Continuation of Ser. No. WO
  2001-US21735,
                                                                                              filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING
                                                                                                                         NUMBER
                                                                                                                                                                            DATE
                                                                                                                                                                20000915 (60)
                                                                                              US 2000-232887P
  PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE:
                                                                                             US 2000-25280 P 20000915 (60)

APPLICATION
GENERIECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080
43
NUMBER OF CLAIMS: 43
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 392 Drawing Page(s)
LINE COUNT: 8593

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or certiovascularization in mammals, including humans.
Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses.
Disorders that can be diagnosed, prevented, or treated by the compositions herein include traums such as wounds, various cancers, and disorders of the vessels including atherosclerowis and cardiac
                            hypertrophy
                            In addition, the present invention is directed to novel polypeptides
                           to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the
```

PATFULL

2003:146750 USPATFULL

Compositions and methods for the diagnosis and treatment of disorders involving angiogenesis Baker, Kevin P., Darnestown, MD, UNITED STATES

Ferrara, Napoleone, San Francisco, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES

Gerber, Hanspeter, San Francisco, CA, UNITED STATES

Godowski, Nary E., San Mateo, CA, UNITED STATES

Godowski, Paul J., Hilabborough, CA, UNITED STATES

Guney, Austin L., Belmont, CA, UNITED STATES

Gurney, Austin L., Belmont, CA, UNITED STATES

Marsters, Scot A., San Carlos, CA, UNITED STATES

Marsters, Scot A., San Carlos, CA, UNITED STATES

Marsters, Scot A., San Carlos, CA, UNITED STATES

Marsters, Colin K., Morage, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES

Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES

Williams, Foster City, CA, UNITED STATES

Ye, Weilan, Foster City, CA, UNITED STATES

Ye, Weilan, Foster City, CA, UNITED STATES

Genentech, Inc. (U.S. corporation) L22 ANSWER 4 OF 26 USPATFULL ACCESSION NUMBER: 2003:1 TITLE: Compos INVENTOR (S) : PATENT ASSIGNEE (S) : NUMBER KIND DATE

US 2003100497 A1 20030529
US 2002-223085 A1 20020816 (10)
Continuation of Ser. No. US 2002-81056, filed on 20 PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: Feb 2002, PENDING Continuation of Ser. No. WO 2001-US21735. filed on 9 Jul 2001, PENDING Continuation of Ser. No. WO 2001-US19692, filed on 20 Jun 2001, PENDING Utility APPLICATION DOCUMENT TYPE: APPLICATION
GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,
94080
43 LEGAL REPRESENTATIVE 94080

NUMBER OF CLAIMS: 43

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 392 Drawing Page(s)

LINE COUNT: 8617

AB Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovasculerization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be disgnosed, prevented, or treated by the compositions herein include traums such as wounds, various cancers, and disorders of the vessels including atherosclerosis and cardiac hypertrophy.

In addition, the present invention is directed to novel polypeptides to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the

and

L22 ANSWER 3 OF 26 USPATFULL (Continued)
polypeptides of the present invention fused to heterologous polypeptide
sequences, antibodies which bind to the polypeptides of the
present invention and to methods for producing the polypeptides of the
present invention.

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L22 ANSWER 5 OF 26 USPATFULL
ACCESSION NUMBER: 2003:146317 USPATFULL
Compositions and methods for the treatment of immune related diseases
Fong, Sherman, Alameda, CA, UNITED STATES
Goddwski, Paul J., Hilleborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
STATES
                                                                    STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
 PATENT ASSIGNEE(S):
                                                                     US 2003100063 A1 20030529
US 2002-213060 A1 20020805 (10)
Continuation of Ser. No. US 2002-52594, filed on 18
 PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
Jan
                                                                     2002, PENDING Continuation of Ser. No. WO
                                                                                                                             DATE
                                                                    US 1999-172059P 19991223 (60)
UEIDITY
APPLICATION
Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
                                                                    Way, MS 49, South San Francisco, CA, 94080 36
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
AB The present
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DUNT: 5513
The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.

19 Drawing Page(s) 5513

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US 2003099661
US 2002-136574
    PATENT INFORMATION:
                                                                                                                                                                                  A1 20030529
A1 20020429 (10)
    APPLICATION INFO .:
                                                                                                                                 NUMBER
                                                                                                                                                                                         DATE
                                                                                                     WO 2001-US27099
                                                                                                                                                                                20010829
    PRIORITY INFORMATION:
DOCUMENT TYPE:
                                                                                                     Utility
APPLICATION
    LEGAL REPRESENTATIVE:
                                                                                                     GENENTECH. INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA.
                                                                                                     94080
35
    NUMBER OF CLAIMS:
    EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                                                                      10 Drawing Page(s)
    LINE COUNT:
                              The present invention relates to compositions containing a novel
    protein
                              n and methods of using those compositions for the diagnosis and treatment of immune related diseases.
L22 ANSWER 8 OF 26
ACCESSION NUMBER:
TITLE:
Compositions and methods for the treatment of immune related diseases
Goddward, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillsborough, CA, UNITED STATES
GUTNEY, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumes, Daniel, Orinds, CA, UNITED STATES
Watenabe, Colin K., Moraga, CA, UNITED STATES
Watenabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)

DATE
                                                                                                   NUMBER KIND DATE

US 2003082199 A1 20030501
US 2002-213199 A1 20020805 (10)
Continuation of Ser. No. US 2002-53107, filed on 17
   PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                     2002, PENDING Continuation of Ser. No. WO
    2000-US23522,
                                                                                                     filed on 23 Aug 2000, PENDING
                                                                                                                                NUMBER
                                                                                                                                                                                         DATE
                                                                                                  NOMBER

NO 1999-USIGN
1999-USIGN
1999-USIGN
NO 2000-US4342
NO 2000-US13705
NO 2000-US13705
NO 2000-US136941
NO 2000-US155264
NO 2000-US21522
NO 2000-US21528
NO 2000-US21528
NO 2000-US21528
NO 2001-US17800
N
    PRIORITY INFORMATION:
                                                                                                                                                                                  19990105
                                                                                                                                                                                 19990901
20000218
                                                                                                                                                                                  20000301
                                                                                                                                                                                  20000517
                                                                                                                                                                                  20000522
                                                                                                                                                                                  20000530
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                                                                                                                                                                                  20000823
                                                                                                                                                                                  20000824
                                                                                                                                                                                2001201
20010610
20010620
20010629
20010709
19990831 (60)
1998110 (60)
19981117 (60)
19981222 (60)
19990427 (60)
19990831 (60)
20000605 (60)
20000915 (60)
                                                                                                                                                                                  20001201
 DOCUMENT TYPE:
FILE SEGMENT:
LEGAL REPRESENTATIVE:
DNA
                                                                                                   APPLICATION
Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
                                                                                                   Way, MS 49, South San Prancisco, CA, 94080
 NUMBER OF CLAIMS: 34

EXEMPLARY CLAIM: 1

NUMBER OF DEAWINGS: 14 Drawing Page(s)

LINE COUNT: 5337

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment
```

L22 ANSWER 6 OF 26 USPATFULL
ACCESSION NUMBER: 2003:145917 USPATFULL
Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Valdez, Patricia A., San Franciaco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Grewal, Iqbel, Fremont, CA, UNITED STATES GENERITECH, INC. (U.S. corporation)

KIND DATE

NUMBER

```
L22 ANSWER 7 OF 26
ACCESSION NUMBER:
TITLE:
Compositions and methods for the treatment of immune related diseases
INVENTOR(S):
Pong, Sherman, Alameda, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Goddward, Paul J., Hillsborough, CA, UNITED STATES
STATES
STATES
GUITARY AUSTIN L. Belgoof, CA, INNITED STATES
                                                            STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Prancisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Matanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
 PATENT ASSIGNEE(S):
                                                                        NUMBER KIND DATE
                                                            US 2003087380 A1 20030508
US 2002-213182 A1 20020805 (10)
Continuation of Ser. No. US 2002-52594, filed on 18
PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                             2002, PENDING Continuation of Ser. No. WO
2000-US30873.
                                                             filed on 10 Nov 2000, PENDING
                                                            US 1999-172059P 19991223 (60)
PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
                                                             APPLICATION
 LEGAL REPRESENTATIVE:
                                                            Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
 DNA
                                                             Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
INUMEER OF DRAWINGS: 19 Drawing Page(a)
LINE COUNT: 5537
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.
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L22 ANSWER 8 OF 26 USPATFULL (Continued) of immune related diseases.

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L22 ANSWER 9 OF 26 USPATFULL
ACCESSION NUMBER: 2003:113005 USPATFULL
Compositions and methods for the treatment of immune related diseases
INVENTOR(S): Pong, Sherman, Alameda, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
                                                             STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, William I., Hillaborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
 PATENT ASSIGNER(S):
                                                                          NIMBER
                                                                                                           KIND DATE
                                                              US 2003077738 Al 20030424
US 2002-213044 Al 20030805 (10)
Continuation of Ser. No. US 2002-52594, filed on 18
 PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                              2002, PENDING Continuation of Ser. No. WO
 2000-US30873.
                                                              filed on 10 Nov 2000, PENDING
                                                                                              DATE
                                                                               NUMBER
 PRIORITY INFORMATION:
DOCUMENT TYPE:
FILE SEGMENT:
                                                              US 2000-177118P 20000120 (60)
                                                              APPLICATION
 LEGAL REPRESENTATIVE:
                                                              Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
                                                              Way, MS 49, South San Francisco, CA, 94080
Way, MS 49, South San Francisco, CA, ASSANDANCE NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5542
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.
```

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L22 ANSWER 10 OF 26 USPATFULL (Continued)
NUMBER OF CLAIMS: 36
EXEMPLARY CLAIM: 1
NUMDER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 5542
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related disease.
```

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L22 ANSWER 10 OF 26 USPATFULL

ACCESSION NUMBER: 2003:133004 USPATFULL

Compositions and methods for the treatment of immune related diseases

INVENTOR(S): Fong, Sherman, Alameda, CA, UNITED STATES
GOOdward, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillaborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
STATES
Gurnav. Austin L., Belmont, CA, UNITED STATES
                                                                                                 STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, Milliam I., Hillaborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
   PATENT ASSIGNEE(S):
                                                                                                 NUMBER KIND DATE

US 2001077737 A1 20010424
US 2002-212912 A1 20020805 (10)
Continuation of Ser. No. US 2002-52594, filed on 18
  PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                                                                  2002, PENDING Continuation of Ser. No. WO
  2000-11530873
                                                                                                  filed on 10 Nov 2000, PENDING
                                                                                                                            NUMBER
                                                                                                                                                                                     DATE
                                                                                                 WO 2000-US4342
WO 1999-US8615
WO 1999-US20111
  PRIORITY INFORMATION:
                                                                                                                                                                              20000218
                                                                                                                                                                              19990420
                                                                                              WO 1999-US8615 19990420
WO 1999-US86115 19990901
WO 1999-US26311 19991901
WO 2000-US181941 20000530
WO 2000-US181941 20000530
WO 2000-US13678 20001120
WO 2000-US13678 20001120
US 1998-172059P 19991222 (60)
US 1998-8299P 19980424 (60)
US 1998-8299P 19980424 (60)
US 1998-8149P 19980909 (60)
US 1998-100263P 19980909 (60)
US 1998-100263P 19980909 (60)
US 1998-110315P 19980909 (60)
US 1998-131353P 19980909 (60)
US 1999-170263P 19991229 (60)
US 1999-170263P 19991229 (60)
US 1999-170263P 1999123 (60)
US 1999-170263P 1999123 (60)
US 1999-170263P 19991209 (60)
US 2000-175481P 20000111 (60)
US 2000-175481P 20000110 (60)
US 2000-137203P 200000915 (60)
US 2000-31282P 200000915 (60)
US 2000-31282P 200000915 (60)
US 1999-170084 Carpenter, Ph.D., Genentech, Inc., 1
Way, MS 49, South San Francisco, CA, 94080
                                                                                                                                                                               19990901
   DOCUMENT TYPE
    LEGAL REPRESENTATIVE:
                                                                                                  Way, MS 49, South San Francisco, CA, 94080
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```
L22 ANSWER 11 OF 26

ACCESSION NUMBER:

TITLE:

Interleukin-8 homologous polypeptides and therapeutic uses thereof,
Eston, Dan L., San Rafael, CA, UNITED STATES
French, Dorothy, Redwood City, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES
Hillan, Kenneth J., San Prancisco, CA, UNITED STATES
Pleabarro, Maria Teresa, Dreaden, GERMANY, FEDERAL
REPUBLIC OF
Schmidt, Kerstin N., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Vandlen, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
Wood, Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
Wood, Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
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Wood, Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
Wood, Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
Wood, Williams, P. Miskey, Half Moon Bay, CA, UNITED STATES
Wood, Williams, P. Miskey, Half Moon
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	NUMBER KIND DATE					
PATENT INFORMATION:	US 2003065154 A1 20030403					
APPLICATION INFO.:	US 2001-15967 A1 20011207 (10)					
RELATED APPLN. INFO.:	Continuation of Ser. No. US 380137, PENDING					
	Continuation of Ser. No. US 2000-709238, filed on 8					
Nov						
	2000, UNKNOWN Continuation of Ser. No. US 2001-941992, filed on 28 Aug 2001, PENDING					

DATE

NUMBER

PRIORITY INFORMATION:	WO 2001-US6520 20010228	
	WO 2000-US8439 20000330	
	WO 2000-US23328 20000824	
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,	
	94080	
NUMBER OF CLAIMS:	32	
EXEMPLARY CLAIM:	•1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	5452	
CAS INDEXING IS AVAILAB	LE FOR THIS PATENT.	
AB The present inve	ntion is directed to novel polypeptides having	
structural homol	ogy to IL-8 and to nucleic acid molecules encoding	

polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, authodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Purther provided herein are methods for treatment and diagnosis of inflammatory diseases.

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L22 ANSMER 12 OF 26 USPATFULL

ACCESSION NUMBER:

TITLE:

Compositions and methods for the treatment of immune related diseases

INVENTOR(S):

Godowski, Paul J., Hillsborough, CA, UNITED STATES Gourney, Austin L., Belmont, CA, UNITED STATES Hillan, Kenneth J., San Prancisco, CA, UNITED STATES Hillan, Kenneth J., San Prancisco, CA, UNITED STATES Hillan, Kenneth J., San Prancisco, CA, UNITED STATES Macanabe, Colin K., Moraga, CA, UNITED STATES Watenabe, Colin K., Moraga, CA, UNITED STATES Wood, Milliam I., Hillsborough, CA, UNITED STATES Genethech, Inc. (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION:

APPLICATION INFO:

US 2003059417 A1 2003027

APPLICATION INFO:

Continuation of Ser. No. US 2003-53107, filed on 17

Jan

2000-US23522,

Filed on 23 Aug 2000, PENDING

NUMBER DATE

NUMBER DATE

NUMBER DATE

NUMBER OF CLAIMS:

APPLICATION

Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1

Way, MS 49, South San Prancisco, CA, 94080

NUMBER OF CLAIMS:

1 Dawing Page(a)

LINE COUNT:

5316

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the disgnosis and treatment of immune related diseases.
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L22 ANSWER 14 OF 26 USPATFULL ACCESSION NUMBER: 2003:78 TITLE: IL-17 h
                                                                                                         JACTULE 2003:78522 USPATFULL IL-17 homologous polypeptides and therapeutic uses thereof
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Chen, Jian, Princeton, NJ, UNITED STATES
Filveroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowki, Paul J., Hilleborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED
STATES
 INVENTOR(S)
                                                                                                       STATES

Gurney, Austin, Belmont, CA, UNITED STATES

Li, Hanzhong, San Mateo, CA, UNITED STATES

Li, Hanzhong, San Mateo, CA, UNITED STATES

Hillan, Kenneth, San Francisco, CA, UNITED STATES

Tumas, Daniel, Orinda, CA, UNITED STATES

Vandlen, Richard, Hillsborough, CA, UNITED STATES

Watcanabe, Colin K., Moraga, CA, UNITED STATES

Watcanabe, Colin K., Moraga, CA, UNITED STATES

Watcanabe, P. Mickey, Half Moon Bay, CA, UNITED STATES

Wood, William I., Hillsborough, CA, UNITED STATES

Yangura, Daniel, Pacifica, CA, UNITED STATES

GENENTECH, INC. (U.S. corporation)
 PATENT ASSIGNEE(S):
                                                                                                       NUMBER KIND DATE

US 2003054442 A1 20030320
US 2001-908827 A1 20010718 (9)
Continuation of Ser. No. US 1999-311832, filed on 14
May 1999, PENDING Continuation of Ser. No. US
1999-380138, filed on 25 Aug 1999, PENDING
PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
Continuation
                                                                                                       of Ser. No. US 1999-380142, filed on 25 Aug 1999, ABANDONED Continuation of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING Continuation of Ser. No. US 2000-747259, filed on 20 Dec 2000, PENDING Continuation of Ser. No. US 2001-816744, filed on 22 Mar 2001, PENDING Continuation of Ser. No. US 2001-854208, filed on 10 May 2001, PENDING
 Continuation
                                                                                                        of Ser. No. US 2001-854280, filed on 10 May 2001, PENDING
                                                                                                                                      NUMBER
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NO 2000-US5841
NO 2000-US7532
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US 1999-131022P
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L22 ANSHER 13 OF 26 USPATFULL
ACCESSION NUMBER:
TITLE:
Compositions and methods for the treatment of immune related diseases
INVENTOR(S):
Fong, Sherman, Alameda, CA, UNITED STATES
GODWARI, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Prancisco; CA, UNITED STATES
STATES
STATES
Gurney. Austin L., Belmont, CA, UNITED STATES
                                                       STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
Wood, Milliam I., Hillsborough, CA, UNITED STATES
Zhang, Zemin, Foster City, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
 PATENT ASSIGNEE(S):
                                                                  NUMBER KIND DATE
                                                       US 2003054484 Al 20030320
US 2002-213181 Al 20020805 (10)
Continuation of Ser. No. US 2002-52594, filed on 18
PATENT INFORMATION:
APPLICATION INFO.:
RELATED APPLN. INFO.:
                                                       2002, PENDING Continuation of Ser. No. WO
2000-US30873.
                                                       filed on 10 Nov 2000, PENDING
                                                                       NUMBER
                                                                                                       DATE
                                                       WO 2000-US4342
WO 1999-US8615
WO 1999-US20111
 PRIORITY INFORMATION:
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WO 2000-US14941
WO 2000-US323268
WO 2000-US30673
US 2000-175481P
US 2000-177118P
US 2000-187202P
US 2000-209832P
US 2000-232887P
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20000303 (60)
20000605 (60)
20000915 (60)
 DOCUMENT TYPE:
                                                       Utility
                                                      APPLICATION
Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
 FILE SEGMENT:
LEGAL REPRESENTATIVE:
 DNA
                                                       Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                       19 Drawing Page(s)
 LINE COUNT:
                                                       5524
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
               The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment of immune related diseases.
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L22 ANSWER 14 OF 26 USPATFULL (Continued)

US 1999-134287P 19990509 (60)

US 1999-134287P 19990609 (60)

US 1999-132036P 19991223 (60)

US 2000-175681P 20000111 (60)

US 2000-191007P 20000312 (60)

US 2000-213807P 20000522 (60)

US 2000-242837P 20001024 (60)

US 2000-242837P 20001024 (60)

US 2000-242837P 20001024 (60)

US 2000-242807P 20000622 (60)

US 2000-242807P 20001026 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: SCHENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080

NUMBER OF CLAIMS: 60

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 47 Drawing Page(s)

LINE COUNT: 8091

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
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INVENTOR (S):

L22 ANSWER 15 OF 26 USPATPULL
ACCESSION NUMBER: 2003:11111 USPATFULL
TITLE: IL-17 homologous poly

thereof

IL-17 homologous polypeptides and therapeutic uses

Chen, Jian, Princeton, NJ, UNITED STATES

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Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddward, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi; Christopher, San Francisco, CA, UNITED
                                                                                                                                                                                                                                 Gurney, Austin L. Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
VanLookeren, Menno, San Francisco, CA, UNITED STATES
Vandlen, Richard, Hillsborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Watanabe, Ch, Half Moon Bay, CA, UNITED STATES
Wood, Milliam I., Hillsborough, CA, UNITED STATES
Yansura, Daniel G., Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
  STATES
  PATENT ASSIGNEE(S):
                                                                                                                                                                                                                                                                                                                                                                                                                               ND DATE
                                                                                                                                                                                                                                                                                NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                         KIND
                                                                                                                                                                                                                               US 2003008815 A1 20030109
US 6569645 B2 20030527
US 2000-747259 A1 20001220 (9)
Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING Continuation-in-part of Ser. No. US 2000-644848, filed on 22 Aug 2000, PENDING Continuation-in-part of Ser. No. WO 2000-US4141, filed on 18 Peb 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US4341, filed on 18 Peb 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US33328, filed on 24 Aug 2000, UNKNOWN Continuation-in-part of Ser. No. WO 2000-US33678,
  PATENT INFORMATION:
    APPLICATION INFO.
    RELATED APPLN. INFO.:
  filed
                                                                                                                                                                                                                                      on 1 Dec 2000, UNKNOWN Continuation-in-part of Ser.
  No.
                                                                                                                                                                                                                                 WO 1999-US31274, filed on 30 Dec 1999, UNKNOWN
Continuation-in-part of Ser. No. WO 2000-US7532, filed
on 21 Mar 2000, UNKNOWN Continuation-in-part of Ser.
No. WO 2000-US5841, filed on 2 Mar 2000, UNKNOWN
Continuation-in-part of Ser. No. WO 2000-US15264,
  filed
                                                                                                                                                                                                                                      on 2 Jun 2000. UNKNOWN Continuation-in-part of Ser-
  No.
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US 1999-172096P
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                                                                                                                                                                                                              USPATFULL
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1L-17 homologous polypeptides and therapeutic uses
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Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddowski, Paul, Burlingame, CA, UNITED STATES
Godowski, Paul, Burlingame, CA, UNITED STATES
Grimaldi, Christopher, San Francisco, CA, UNITED
L22 ANSWER 16 OF 26
ACCESSION NUMBER:
TITLE:
    INVENTOR (S)
    STATES
                                                                                                                                                                                                                                 Gurney, Austin, Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Franciaco, CA, UNITED STATES
Hillan, Kenneth, San Franciaco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
VanLookkeren, Menno, San Franciaco, CA, UNITED STATES
Vandlen, Richard, Hillaborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Watanabe, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillaborough, CA, UNITED STATES
Yangura, Daniel, Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
    PATENT ASSIGNEE (S)
                                                                                                                                                                                                                                 NUMBER KIND DATE

US 2003003546 A1 20030102
US 2001-816744 A1 20010322 (9)
Continuation-in-part of Ser. No. US 1999-311832, filed on 14 May 1999, PENDING
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WO 2001-US6520
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DOCUMENT TYPE
  FILE SEGMENT:
LEGAL REPRESENTATIVE:
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L22 ANSWER 15 OF 26 USPATFULL (Continued)
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,
94080
NUMBER OF CLAIMS: 6 6
94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 47 Drawing Page(s)
LINE COUNT: 8685
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of
                         the present invention fused to heterologous polypeptide sequences, 
astibodies which bind to the polypeptides of the present 
invention and to methods for producing the polypeptides of the present 
invention.
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L22 ANSWER 16 OF 26 USPATFULL 94080
NUMBER OF CLAIMS: 60 L22 ANSWER 16 OF 26 USPATFULL (Continued)
94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 48 Drawing Page(s)
LINE COUNT: 7774
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention is directed to novel polypeptides having sequence identity with IL-17, IL-17 receptors and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treating degenerative degenerative cartilaginous disorders and other inflammatory diseases

L22 ANSWER 17 OF 26 USPATFULL

of immune related diseases.

(Continued)

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.:

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NUMBER KIND DATE

US 2002192752 A1 20021219
US 2002-53107 A1 20020117 (10)
Continuation of Ser. No. US 1998-218517, filed on 22
Dec 1998, ABANDONED
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NO 1999-US106
WO 1999-US20111
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WO 2000-US14042
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WO 2000-US13267
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Utility
APPLICATION
Attn: David A. Carpenter, Ph.D., Genentech, Inc., 1
   DOCUMENT TYPE:
 LEGAL REPRESENTATIVE:
                                                                                                                                                          Way, MS 49, South San Francisco, CA, 94080
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
                                                                                                                                                            14 Drawing Page(s)
 LINE COUNT:
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to compositions containing novel proteins and methods of using those compositions for the diagnosis and treatment
 L22 ANSWER 18 OF 26 USPATFULL
ACCESSION NUMBER: 2002:322509 USPATFULL
TITLE: IL-17 homologous polypedies and therapeutic uses thereof
                                                                                                                                                    thereof
chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
French, Dorochy, Redwood City, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Goddowki, Paul J., Hillsborough, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED
STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Francisco, CA, UNITED STATES
Hillan, Kenneth J., San Prancisco, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Pan, James, Zitobicoke, CANAD
Starovaenik, Melisea A., San Prancisco, CA, UNITED
STATES
Thmes, Daniel, Orinda, CA, UNITED STATES
   INVENTOR(S):
                                                                                                                                                        STATES
Tumes, Daniel, Orinda, CA, UNITED STATES
Van Lookeren, Menno, San Francisco, CA, UNITED STATES
Vandlen, Richard, Hillaborough, CA, UNITED STATES
Watanabe, Colin K., Morega, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillaborough, CA, UNITED STATES
Yansura, Daniel G., Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
   PATENT ASSIGNEE(S):
                                                                                                                                                        NUMBER KIND DATE

US 2002182673 A1 20021205
US 2001-15 A1 20011030 (10)
Continuation-in-part of Ser. No. US 2001-931836, filed
on 16 Aug 2001, PENDING Continuation-in-part of Ser.
No. US 2001-929404, filed on 13 Aug 2001, PENDING
Continuation-in-part of Ser. No. US 2001-9318365, filed
on 30 Jul 2001, PENDING Continuation-in-part of Ser.
No. US 2001-908827, filed on 18 Jul 2001, PENDING
Continuation-in-part of Ser. No. US 2001-9314503, filed
on 5 Jun 2001, PENDING Continuation-in-part of Ser.
                                                                                                                                                     ON 5 JUN 2001, PERDING CONCINUATION-IN-PART OF SET.

US 2001-854280, filed on 10 May 2001, PENDING
Continuation-in-part of Ser. No. US 2001-854208, filed
on 10 May 2001, PENDING Continuation-in-part of Ser.
No. US 2001-816744, filed on 22 Mar 2001, PENDING
Continuation-in-part of Ser. No. US 2000-747259, filed
on 20 Dec 2000, PENDING Continuation-in-part of Ser.
No. US 2000-644848, filed on 22 Aug 2000, PENDING
Continuation-in-part of Ser. No. US 1999-380142, filed
on 25 Aug 1999, ABANDONED Continuation-in-part of Ser.
No. US 1999-380138, filed on 25 Aug 1999, PENDING
Continuation-in-part of Ser. No. US 1999-311832, filed
on 14 May 1999, PENDING
                                                                                                                                                     WO 2001-US21735
WO 2001-US21066
WO 2001-US19692
WO 2001-US17800
WO 2001-US6520
                                                                                                                                                                                                                                                                                20010709
20010629
20010620
20010601
20010228
PRIORITY INFORMATION:
```

L22 ANSWER 17 OF 26
ACCESSION NUMBER:
1TITLE:
1NVENTOR(S):
1NVENTOR(S):
Compositions and methods for the treatment of immune related diseases
Coddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Hillaborough, CA, UNITED STATES
Gurney, Austin L., Belmont, CA, UNITED STATES
Hillan, Kenneth J., San Prancisco, CA, UNITED STATES
Tumma, Daniel, Orinda, CA, UNITED STATES
Watanabe, Colin K., Moraga, CA, UNITED STATES
MODD, William I., Hillaborough, CA, UNITED STATES
MODD, William I., Hillaborough, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)

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L22 ANSWER 18 OF 26 USPATFULL (Continued)

W0 2000-US34956 20001220

W0 2000-US3268 20001201

W0 2000-US3338 200001101

W0 2000-US3338 20000110

W0 2000-US3534 20000602

W0 2000-US5541 20000302

W0 2000-US5541 20000302

W0 2000-US5541 20000302

W0 2000-US5541 20000302

W0 2000-US561 20000301

W0 1999-US1073 19990130

W0 1999-US1073 19990130

W0 1999-US1073 19990130

W1 2000-24407P 2000126 (60)

US 2000-24407P 2000126 (60)

US 2000-24407P 2000126 (60)

US 2000-24407P 2000126 (60)

US 2000-19561P 20000221 (60)

US 2000-19561P 20000221 (60)

US 1999-13007P 20000221 (60)

US 1999-13027P 1999011 (60)

US 1999-13028P 1999123 (60)

US 1999-13028P 1999014 (60)

US 1999-13028P 1999014 (60)

US 1999-13028P 1999016 (60)

US 1998-131628P 1999016 (60)
        LEGAL REPRESENTATIVE: GENEMTECH, INC., 1 DNA WAY, SOUTH SAN PRANCISCO, CA, 94080
NUMBER OF CLAIMS: 60
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 70 Drawing Page(s)
LINE COUNT: 8889
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides having sequence identity with 1b-17, 1b-17 receptors and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treating degenerative cartilaginous disorders and other inflammatory diseases.
```

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L22 ANSWER 19 OF 26

ACCESSION NUMBER:
2002:322045 USPATFULL
COMPOUNDS, compositions and methods for the treatment of diseases characterized by A-33 related antigens
INVENTOR(S):
Ashkenari, Avi, San Mateo, CA, UNITED STATES Goddard, Audrey, San Prancisco, CA, UNITED STATES Goddard, Audrey, San Prancisco, CA, UNITED STATES Gurney, Austin L., Belmont, CA, UNITED STATES Napier, Mary A., Hillsborough, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Wood, William I., Hillsborough, CA, UNITED STATES Guenetech, Inc. (U.S. corporation)

PATENT INFORMATION:
APPLICATION INFO:
SOUTH STATES WOOD, WILLIAM STATES WOOD
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L22 ANSWER 20 OF 26 USPATFULL ACCESSION NUMBER: 2002:31-
TITLE: IL-17 he
                                                                                                                                                                                                          2002:314711 USPATFULL
                                                                                                                                                                                                          IL-17 homologous polypeptides and therapeutic uses
                                                                                                                                                                                                            thereof
                                                                                                                                                                                                        thereof
Chen, Jian, Princeton, NJ, UNITED STATES
Filvaroff, Ellen, San Francisco, CA, UNITED STATES
Fong, Sherman, Alameda, CA, UNITED STATES
Goddard, Audrey, San Francisco, CA, UNITED STATES
Godowski, Paul J., Burlingame, CA, UNITED STATES
Grimaldi, J. Christopher, San Francisco, CA, UNITED
STATES
  INVENTOR(S):
                                                                                                                                                                                                        STATES
Gurney, Austin, Belmont, CA, UNITED STATES
Li, Hanzhong, San Mateo, CA, UNITED STATES
Hillan, Kenneth, San Prancisco, CA, UNITED STATES
Hymowitz, Sarah G., San Francisco, CA, UNITED STATES
Tumas, Daniel, Orinda, CA, UNITED STATES
Starvovasnik, Melissa A., San Francisco, CA, UNITED
STATES
                                                                                                                                                                                                        STATES
LOokeren, Menno Van, San Franciaco, CA, UNITED STATES
Vandlen, Richard, Hillaborough, CA, UNITED STATES
Watanabe, Colin, Moraga, CA, UNITED STATES
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES
Wood, William I., Hillaborough, CA, UNITED STATES
Yanaura, Daniel G., Pacifica, CA, UNITED STATES
GENENTECH, INC. (U.S. corporation)
  PATENT ASSIGNEE(S):
                                                                                                                                                                                                                                                  NUMBER
                                                                                                                                                                                                                                                                                                                                                                KIND DATE
                                                                                                                                                                                                          US 2002177188
US 2001-874503
PATENT INFORMATION:
APPLICATION INFO.:
                                                                                                                                                                                                                                                                                                                                                                       A1 20021128
A1 20010605 (9)
                                                                                                                                                                                                                                                                   NUMBER
                                                                                                                                                                                                                                                                                                                                                                                          DATE
                                                                                                                                                                                                      NUMBER
WO 2001-US6530
WO 2000-US314956
WO 2000-US314976
WO 2000-US314978
WO 2000-US30673
WO 2000-US30673
WO 2000-US53641
WO 2000-US5841
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US 2000-175461P
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US 1999-131022P
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20098
  PRIORITY INFORMATION:
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L22 ANSMER 20 OF 26 USRATFULL (Continued)

US 1998-113621P 19981223 (60)

US 1998-85579P 19980515 (60)

US 1998-85579P 19980515 (60)

US 11998-113621P 19980515 (60)

US 1298-85579P 19980515 (60)

US 1298-85579P 19980515 (60)

US 1298-85579P 19980515 (60)

APALICATION

APALICATION

APALICATION

ONUMBER OF CLAIMS: 60

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 54 Drawing Page(s)

LINE COUNT: 8549

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is directed to novel polypeptides having sequence identity with IL-17, IL-17 receptors and to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptides molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention and to methods for producing the polypeptides of the present invention. Further provided herein are methods for treating degenerative
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L22 ANSWER 21 OF 26 USPATFULL
                                                     SPATFULL
2002:307542 USPATFULL
Human interferon-epsilon: a type I interferon
Chen, Jian, San Mateo, CA, UNITED STATES
Godowski, Paul, Burlingame, CA, UNITED STATES
Mood, William I., Hillsborough, CA, UNITED STATES
Zhang, Dong-Xiao, Burlingame, CA, UNITED STATES
Genentech, Inc. (U.S. corporation)
 ACCESSION NUMBER:
TITLE:
 INVENTOR (S) :
PATENT ASSIGNEE(S):
                                                                NUMBER
                                                                                              KIND
                                                                                                               DATE
                                                     US 2002172660
US 6569420
US 2001-919622
                                                                                               A1 20021121
B2 20030527
A1 20010730
 PATENT INFORMATION:
APPLICATION INFO.
 RELATED APPLN. INFO. :
                                                      Continuation of Ser. No. US 1999-202122, filed on 4
                                                      1999, GRANTED, Pat. No. US 6299869
                                                                    NUMBER
                                                                                                   DATE
                                                     WO 1998-US25672
US 1998-106463P
US 1998-84045P
US 1997-67897P
                                                                                               19981203
19981030 (60)
19980504 (60)
 PRIORITY INFORMATION:
                                                                                                19971208 (60)
                                                     APPLICATION
GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,
DOCUMENT TYPE:
LEGAL REPRESENTATIVE:
                                                      94080
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
                                                     13 Drawing Page(s)
NUMBER OF DRAWINGS: 13 Drawing Page(s)
LINE COUNT: 3710
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention concerns a novel human interferon-.epsilon., originally designated PRO655, and its variants and derivatives. The novel interferon is related to but distinct from members of the IFN-.elpha. family and from IFNs-.bets. and -.gamma.. Nucleic acid encoding the novel polypeptide, and methods and means for their recombinant production are also included.
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L22 ANSWER 22 OF 26
ACCESSION NUMBER: 2002:227938 USPATFULL
Novel inhibitor of hepatocyte growth factor activator for use in modulation of angiogenesis and cardiovascularization
                                                               cardiovascularization
Gurney, Austin L., Belmont, CA, UNITED STATES
Kirchhofer, Daniel K., Los Altos, CA, UNITED STATES
Mood, Milliam I., Hillsborough, CA, UNITED STATES
GENEMTECH, INC. (U.S. corporation)
INVENTOR (S):
PATENT ASSIGNEE (S):
                                                                                                                     DATE
                                                                            NUMBER
                                                                                                             KIND
                                                               US 2002123091
US 2000-742201
                                                                                                               A1 20020905
A1 20001219 (9)
 PATENT INFORMATION:
 APPLICATION INFO .:
                                                                                NUMBER
                                                                                                                     DATE
                                                               WO 2000-US3565
WO 2000-US6884
US 2000-253665P
                                                                                                                 20000211
 PRIORITY INFORMATION:
                                                                                                                 20000315
                                                                                                               20001128 (60)
 DOCUMENT TYPE:
                                                               APPLICATION
 FILE SEGMENT:
LEGAL REPRESENTATIVE:
                                                               GENENTECH. INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA.
                                                               94080
54
 NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNT:
                                                               5 Drawing Page(s)
LINE COUNT: 6377

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AS Compositions and methods are disclosed for stimulating or inhibiting angiogenesis and/or cardiovascularization in mammals, including humans. Pharmaceutical compositions are based on polypeptides or antagonists thereto that have been identified for one or more of these uses. Disorders that can be disgnosed, prevented, or treated by the compositions herein include traums such as wounds, verious cancers, and disorders of the vessels including atherosclerosis and cardiac humartronby.
                   In addition, the present invention is directed to novel polypeptides
 and
                 to nucleic acid molecules encoding those polypeptides. Also provided herein are vectors and host calls comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides of the present invention fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides of the present invention and to methods for producing the polypeptides of the present invention.
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L22 ANSWER 24 OF 26 USPATFULL
ACCESSION NUMBER: 2001:173134 USPATFULL
HUMAN interferon-epsilon: a type I interferon
Chen, Jian, San Mateo, CA, United States
Godowski, Paul, Burlingame, CA, United States
Wood, William I., Hilleborough, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., So. San Francisco, CA, United States
(U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6299869 B1 20011009
W0 9929863 19990617
APPLICATION INFO.: US 1999-202122 19990304 (9)
W0 1998-US25672 19981203
19993004 PCT 371 date
19993004 PCT 102(e) date

NUMBER DATE

PRIORITY INFORMATION: US 1998-106643P 19981030 (60)
US 1998-84045P 19981000
US 1998-84045P 19980504 (60)
US 1997-67897P 19971208 (60)
US 1997-67897P 19971208 (60)
DOCUMENT TYPE: UFILIEY
FILE SEGMENT: GRANTED
FRIMARY EXAMINER: Agarwal, Atulya R.
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 1
NUMBER OF CLAIMS: 25
EXEMPLARY CLAIM: 3713
AB The invention concerns a human interferon-epsilon., originally designated PROSES, and its variants and derivatives. The interferon is related to but distinct from members of the FPN-alpha family and from IPNs- beta. and -gamma. Nucleic acid encoding the polypeptide, and methods and means for their recombinant production are also included.
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L22 ANSMER 23 OF 26 USPATFULL

ACCESSION NUMBER: 2002:152775 USPATFULL

Nucleic acids encoding A-33 related entigen polypeptides

INVENTOR(5): Ashkenazi, Avi, San Mateo, CA, United States
Pong, Sherman, Alemeda, CA, United States
Goddard, Audrey, San Francisco, CA, United States
Gurney, Austin L., Belmont, CA, United States
Napier, Mary A., Hillsborough, CA, United States
Wood, William I., Hillsborough, CA, United States
Wood, William I., Hillsborough, CA, United States
States
States
                                                                           (U.S. corporation)
                                                                                        NUMBER
                                                                                                                                 KIND DATE
                                                                         NUMBER
US 6410708
WO 9927098
US 1999-254465
WO 1998-US24855
                                                                                                                                                   20020625
                                                                                                                                   В1
  PATENT INFORMATION:
                                                                                                                                                    19990603
19990305
 APPLICATION INFO .:
                                                                                                                                                                                (9)
                                                                                                                                                                                 PCT 371 date
                                                                                                                                                   19990305
                                                                                                                                         DATE
                                                                                               NUMBER
                                                                         US 1998-78936P
US 1997-66364P
Utility
GRANTED
 PRIORITY INFORMATION:
                                                                                                                                     19980320 (60)
                                                                                                                                    19971121 (60)
DOCUMENT TYPE:
FILE SEGMENT:
PRIMARY EXAMINER:
ASSISTANT EXAMINER:
LEGAL REPRESENTATIVE:
NUMBER OF CLAIMS:
EXEMPLARY CLAIM:
NUMBER OF DRAWINGS:
LINE COUNTY
                                                                          Chan, Christina Y.
Roark, Jessica H.
Barnes, Elizabeth M.
                                                                           28 Drawing Figure(s); 24 Drawing Page(s)
  CAS INDEXING IS AVAILABLE FOR THIS PATENT.
                     DEXING IS AVAILABLE FOR THIS PATENT.
The present invention relates to compositions and methods of treating and diagnosing disorders characterized the by the presence of antigens associated with inflammatory diseases and/or cancer, and nucleotide sequences, including expressed sequence tags (ESTs), oligonucleotide probes, polypeptides, vectors and host cells expressing such antigens PRO301, PRO362 or PRO245.
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L22 ANSWER 25 OF 26 USPATFULL

ACCESSION NUMBER: 2001:36629 USPATFULL
Human interferon-epsilon.(IFN-epsilon.), a type I interferon
INVENTOR(S): Chen, Jian, Plainsboro, NJ, United States
Godwakk, Paul J., Burlingame, CA, United States
Wood, Milliam I., Hillaborough, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., So. San Francisco, CA, United States
(U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 6200780 B1 20010313
APPLICATION INFO.: US 1998-206903 19981207 (9)

NUMBER DATE

PRIORITY INFORMATION: US 1997-67897P 19971208 (60)
US 1998-80405F 19980504 (60)
US 1998-10463P 19981030 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Fitzgerald, David L.
LEGAL REPRESENTATIVE: Kreenak, Mark T., Agarwal, Atulya R.
NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1.11,22
NUMBER OF DRAWINGS: 1980 Drawing Figure(s): 13 Drawing Page(s)
LINE COUNT: 3679 THIS PATENT.
AB The invention concerns a novel human interferon-epsilon., originally designated PROSSS, and its variants and derivatives. The novel interferon is related to but distinct from members of the IFN-alpha. family and from IFNs-beta. and -gamma. Nucleic acid encoding the novel polypeptide, and methods and means for their recombinant production are also included.
```

L22 ANSWER 26 OP 26
ACCESSION NUMBER:
TITLE:
INVENTOR(S):

Authody formulation
Lam, Xenthe M., San Prancisco, CA, United States
Oeswein, James Q., Moss Beach, CA, United States
Ongpipettanskul, Booners, Bangkok, Theiland
Shahrokh, Zahra, San Francisco, CA, United States
Weissburg, Robert P., Greenville, DE, United States
Wong, Rita L., San Mateo, CA, United States
Genentech, Inc., South San Francisco, CA, United

(U.S. corporation)

...onder KIND DATE
US 6171586 B1 20010107
US 1998-97171 B1 20010109 19980612 (9) PATENT INFORMATION: APPLICATION INFO.:

NUMBER DATE

NUMBER DATE

US 1997-53087P 1997061:
Patent
Granted
Nolan, Patrick
DiBrino, Merianne
Tan, Lee K., Lee, Wendy M.
29
1

PRIORITY INFORMATION: US 1997-53087P 19970613 (60)

DOCUMENT TYPE: Patent
FILE SEGMENT: Granted
PRIMARY EXAMINER: DiBrino, Merianne
LEGAL REPRESENTATIVE: Tan, Lee K., Lee, Wendy M.

10 EXEMPLARY CLAIM: 1

NUMBER OF CLAIMS: 38 Drawing Figure(s); 25 Drawing Page(s)

LINE COUNT: 2691

LINE COUNT: 2691

As table aqueous pharmaceutical formulation comprising a therapeutically

effective amount of an antibody not subjected to prior lyophilization, a buffer maintaining the pH in the range from about 4.5 to about 6.0, a surfactant and a polyol is described, along with uses for such a formulation.